



HER4 (Phospho Tyr1242) Rabbit pAb

[Cleaved into: ERBB4 intracellular domain (4] Immunogen Synthesized peptide derived from human HER4 (Phospho Tyr1242) Specificity This antibody detects endogenous levels of HER4 (Phospho Tyr1242) Rabbit pAb at Human, Mouse,Rat Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. Source Rabbit,polyclonal Purification The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. Dilution WB 1:500-2000 IHC 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Receptor tyrosine-protein kinase erbB-4 (EC 2.7.10.1) (Proto-oncogene-like protein c-ErbB-4) (Tyrosine kinase-type cell surface receptor HER4) (p180erbB4) [Cleaved into: ERBB4 intracellular domain (4ICD) (E4ICD) (s80HER4)] Observed Band 180kD Cell Pathway Cell membrane ; Single-pass type I membrane protein . In response to NRG1 treatment, the activated receptor is internalized.; [ERBB4 intracellular domain]: Nucleus . Mitochondrion . Following proteolytical processing E4ICD2 or E4ICD2 generated from the respective isoforms) is translocated to the nucleus. Tissue Specificity Expressed at highest levels in brain, heart, kidney, in addition to skeletal muscle, parathyroid, cerebellum, pituitary, spleen, tests and breast. Lower levels in thyme, lund, salivary dland, and pancreas. Isoform		
Reactivity Human, Mouse,Rat Applications IHC,WB Gene Name ERBB4 HER4 Protein Name Receptor tyrosine-protein kinase erbB-4 (EC 2.7.10.1) (Proto-oncogene-like protein c-ErbB-4) (Tyrosine kinase-type cell surface receptor HER4) (p180erbB4) (Cleaved Into: ERBB4 intracellular domain (4) Immunogen Synthesized peptide derived from human HER4 (Phospho Tyr1242) Rabbit pAb at Human, Mouse,Rat Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. Source Rabbit,polyclonal Purification The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. Dilution WB 1:500-2000 IHC 1:50-200 Concentration 1 mg/ml Purify ≥90% Storage Stability -20°C/1 year Synonyms Receptor tyrosine-protein kinase erbB-4 (EC 2.7.10.1) (Proto-oncogene-like protein c-ErbB-4) (Tyrosine kinase-type cell surface receptor HER4) (p180erbB4) (Cleaved into: ERBB4 intracellular domain (4ICD) (E4ICD) (s80HER4)] Observed Band 180kD Cell membrane ; Single-pass type I membrane protein . In response to NRG1 treatment, the activated receptor is internalized; [ERBB4 intracellular domain]. Nucleus, Mitchondrino: Following proteolytical processing E4ICD (E4ICD 1 or E4ICD 2 colocalizes with YAP1 in the nucleus. Significantly more E4ICD2 than E4ICD1 is found in the nucleus. Significantly m	Catalog No	BYab-17305
Applications IHC,WB Gene Name ERBB4 HER4 Protein Name Receptor tyrosine-protein kinase erbB-4 (EC 2.7.10.1) (Proto-oncogene-like protein o-ErbB-4) (Tyrosine kinase-type cell surface receptor HER4) (p180erbB4) [Cleaved into: ERBB4 intracellular domain (41 Immunogen Synthesized peptide derived from human HER4 (Phospho Tyr1242) Specificity This antibody detects endogenous levels of HER4 (Phospho Tyr1242) Rabbit pAb at Human, Mouse,Rat Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. Source Rabbit,polyclonal Purification The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. Dilution WB 1:500-2000 IHC 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Receptor tyrosine-protein kinase erbB-4 (EC 2.7.10.1) (Proto-oncogene-like protein o-ErbB-4) (Tyrosine kinase-type cell surface receptor HER4) (p180erbB4) (Cleaved into: ERBB4 intracellular domain (4ICD) (E4ICD) (s80HER4)] Observed Band 180kD Cell Pathway Cell membrane ; Single-pass type I membrane protein . In response to NRG1 treatment, the activated receptor is internalized; [ERB84 intracellular domain]; Nucleus. Mitochondrion - Foldowing proteotylicital processing EICD (241CD 1 or EICD 2 generated from the respective isoforms) is transloca	Isotype	lgG
Gene Name ERBB4 HER4 Protein Name Receptor tyrosine-protein kinase erbB-4 (EC 2.7.10.1) (Proto-oncogene-like protein C-ErbB-4) (Tyrosine kinase-type cell surface receptor HER4) (p180erbB4) (Cleaved into: ERBB4 intracellular domain (41 Immunogen Synthesized peptide derived from human HER4 (Phospho Tyr1242) Specificity This antibody detects endogenous levels of HER4 (Phospho Tyr1242) Rabbit pAb at Human, Mouse, Rat Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. Source Rabbit,polyclonal Purification The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. Dilution WB 1:500-2000 IHC 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Receptor tyrosine-protein kinase erbB-4 (EC 2.7.10.1) (Proto-oncogene-like protein c-ErbB-4) (Tyrosine kinase-type cell surface receptor HER4) (p180erbB4) (Cleaved into: ERBB4 intracellular domain (4ICD) (s80HER4)] Observed Band 180kD Cell membrane ; Single-pass type I membrane protein. In response to NRG1 treatment, the activated receptor is internalized.; [ERB84 intracellular domain]; Nucleus. Mitochondrion. Following proteolytical processing E4ICD1 or E4ICD1 or E4ICD1 generated from the respective isoforms) is translocated to the nucleus. Significantity more E4ICD2 tan E4ICD1 is	Reactivity	Human, Mouse,Rat
Protein NameReceptor tyrosine-protein kinase erbB-4 (EC 2.7.10.1) (Proto-oncogene-like protein c-ErbB-4) (Tyrosine kinase-type cell surface receptor HER4) (p180erbB4) [Cleaved into: ERBB4 intracellular domain (4)ImmunogenSynthesized peptide derived from human HER4 (Phospho Tyr1242)SpecificityThis antibody detects endogenous levels of HER4 (Phospho Tyr1242) Rabbit pAb at Human, Mouse,RatFormulationLiquid in PBS containing 50% glycerol, and 0.02% sodium azide.SourceRabbit,polyclonalPurificationThe antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.DilutionWB 1:500-2000 IHC 1:50-200Concentration1 mg/mlPurity≥90%Storage Stability-20°C/1 yearSynonymsReceptor tyrosine-protein kinase erbB-4 (EC 2.7.10.1) (Proto-oncogene-like protein c-ErbB-4) (Tyrosine kinase-type cell surface receptor HER4) (p180erbB4) [Cleaved into: ERBB4 intracellular domain (41CD) (E4ICD) (s80HER4)]Observed Band180kDCell PathwayCell membrane; Single-pass type I membrane protein . In response to NRG1 treatment, the activated receptor is intransee. Intracellular domain (41CD) (E4ICD) (s40CD) or E4ICD2 generated from the respective isoforms) is translocated to the nucleus. Significantly more E4ICD2 treat E4ICD2 visual from the respective isoforms)Tissue SpecificityExpressed at highest levels in brain, heart, kidney, in addition to skeletal muscle, parathyroid, cerebellum, pitultary, spleen, lestis and breast. Lower levels in thymus, lung, salivary gland, and pancreas. Isoform JM-B is expressed	Applications	IHC,WB
protein c-ErbB-4) (Tyrosine kinase-type cell surface receptor HER4) (p180erbB4) (Cleaved into: ERBB4 intracellular domain (41)ImmunogenSynthesized peptide derived from human HER4 (Phospho Tyr1242)SpecificityThis antibody detects endogenous levels of pAb at Human, Mouse,RatFormulationLiquid in PBS containing 50% glycerol, and 0.02% sodium azide.SourceRabbit,polyclonalPurificationThe antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.DilutionWB 1:500-2000 IHC 1:50-200Concentration1 mg/mlPurity≥90%Storage Stability-20°C/1 yearSynonymsReceptor tyrosine-protein kinase erbB-4 (EC 2.7.10.1) (Proto-oncogene-like protein c-ErbB-4) (Tyrosine kinase-type cell surface receptor HER4) [p180erbB4) [Cleaved into: ERBB4 intracellular domain (4ICD) (E4ICD) (s80HER4)]Observed Band180kDCell PathwayCell membrane ; Single-pass type I membrane protein . In response to NRG1 treatment, the activated receptor is internalized.; [ERBB4 intracellular domain]; Nucleus . Mitochondrion . Following proteolytical processing E4ICD (E4ICD1 or E4ICD2 generated from the respective isoform JM-A CYT-1 and Isoform JM-B CYT-1 are expressed at highest levels in brain, heart, kidney, in addition to skeletal muscle, parathyroid, cerebellum, pituitary, spleen, testis and breast. Lower levels in thymus, lung, salivary gland, and pancreas, Isoform JM-B is expressed	Gene Name	ERBB4 HER4
Specificity This antibody detects endogenous levels of HER4 (Phospho Tyr1242) Rabbit pAb at Human, Mouse, Rat Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. Source Rabbit,polyclonal Purification The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. Dilution WB 1:500-2000 IHC 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Receptor tyrosine-protein kinase erbB-4 (EC 2.7.10.1) (Proto-oncogene-like protein c-ErbB-4) (Tyrosine kinase-type cell surface receptor HER4) (p180erbB4) [Cleaved into: ERBB4 intracellular domain (4ICD) (E4ICD) (s80HER4)] Observed Band 180kD Cell membrane ; Single-pass type I membrane protein . In response to NRG1 treatment, the activated receptor is internalized.; [ERBB4 intracellular domain]: Nucleus . Mitochondrion . Following proteolytical processing E4ICD (200 centelses. Significantly more E4ICD2 than E4ICD1 is found in the nucleus. E4ICD2 colocalizes with YAP1 in the nucleus. Tissue Specificity Expressed at highest levels in brain, heart, kidney, in addition to skeletal muscle, parathyroid, cerebellum, pituitary, spleen, testis and breast. Lower levels in thymus, lung, salivary gland, and pancreas. Isoform JM-A CYT-1 and isoform	Protein Name	protein c-ErbB-4) (Tyrosine kinase-type cell surface receptor HER4) (p180erbB4)
pAb at Human, Mouse,Rat Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. Source Rabbit,polyclonal Purification The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. Dilution WB 1:500-2000 IHC 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Receptor tyrosine-protein kinase erbB-4 (EC 2.7.10.1) (Proto-oncogene-like protein c-ErbB-4) (Tyrosine kinase-type cell surface receptor HER4) (p180erbB4) [Cleaved into: ERBB4 intracellular domain (4ICD) (E4ICD) (s80HER4)] Observed Band 180kD Cell Pathway Cell membrane ; Single-pass type I membrane protein . In response to NRG1 treatment, the activated receptor is internalized. [ERBB4 intracellular domain]: Nucleus. Mitochondrion . Following proteolytical processing E4ICD (e4ICD1 or E4ICD2 concalizes with YAP1 in the nucleus. Significantly more E4ICD2 than E4ICD1 is found in the nucleus. Significantly more E4ICD2 than E4ICD1 is found in the nucleus. Tissue Specificity Expressed at highest levels in brain, heart, kidney, in addition to skeletal muscle, parathyroid, cerebellum, pituitary, spleen, testis and breast. Lower levels in thyrnus, lung, salivary gland, and pancreas. Isoform JM-A CYT-1 and isoform JM-B is expressed	Immunogen	Synthesized peptide derived from human HER4 (Phospho Tyr1242)
Source Rabbit,polyclonal Purification The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. Dilution WB 1:500-2000 IHC 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Receptor tyrosine-protein kinase erbB-4 (EC 2.7.10.1) (Proto-oncogene-like protein c-ErbB-4) (Tyrosine kinase-type cell surface receptor HER4) (p180erbB4) [Cleaved into: ERBB4 intracellular domain (4ICD) (s80HER4)] Observed Band 180kD Cell Pathway Cell membrane ; Single-pass type I membrane protein . In response to NRG1 treatment, the activated receptor is internalized; [ERBB4 intracellular domain]]: Nucleus . Mitochondrion . Following proteolytical processing E4ICD1 or E4ICD2 generated from the respective isoforms) is translocated to the nucleus. Significantly more E4ICD2 than E4ICD1 is found in the nucleus. E4ICD2 colocalizes with YAP1 in the nucleus. Tissue Specificity Expressed at highest levels in brain, heart, kidney, in addition to skeletal muscle, parathyroid, cerebellum, pituitary, spleen, testis and breast. Lower levels in thymus, lung, salivary gland, and pancreas. Isoform JM-A CYT-1 and isoform JM-B CYT-1 are expressed in cerebellum, but only the isoform JM-B is expressed	Specificity	This antibody detects endogenous levels of HER4 (Phospho Tyr1242) Rabbit pAb at Human, Mouse,Rat
Purification The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. Dilution WB 1:500-2000 IHC 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Receptor tyrosine-protein kinase erbB-4 (EC 2.7.10.1) (Proto-oncogene-like protein c-ErbB-4) (Tyrosine kinase-type cell surface receptor HER4) (p180erbB4) [Cleaved into: ERBB4 intracellular domain (4ICD) (E4ICD) (s80HER4)] Observed Band 180kD Cell Pathway Cell membrane : Single-pass type I membrane protein . In response to NRG1 treatment, the activated receptor is internalized.; [ERBB4 intracellular domain]: Nucleus . Mitochondrion . Following proteolytical processing E4ICD (E4ICD1 or E4ICD2 generated from the respective isoforms) is translocated to the nucleus. Significantly more E4ICD2 than E4ICD1 is found in the nucleus. E4ICD2 colocalizes with YAP1 in the nucleus. Tissue Specificity Expressed at highest levels in brain, heart, kidney, in addition to skeletal muscle, parathyroid, cerebellum, pituitary, spleen, testis and breast. Lower levels in thymus, lung, salivary gland, and pancreas. Isoform JM-A CYT-1 and isoform JM-B CYT-1 are expressed in cerebellum, but only the isoform JM-B is expressed	Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
using specific immunogen. Dilution WB 1:500-2000 IHC 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Receptor tyrosine-protein kinase erbB-4 (EC 2.7.10.1) (Proto-oncogene-like protein c-ErbB-4) (Tyrosine kinase-type cell surface receptor HER4) (p180erbB4) [Cleaved into: ERBB4 intracellular domain (4ICD) (E4ICD) (s80HER4)] Observed Band 180kD Cell Pathway Cell membrane ; Single-pass type I membrane protein . In response to NRG1 treatment, the activated receptor is internalized.; [ERBB4 intracellular domain]: Nucleus . Mitochondrion . Following proteolytical processing E4ICD (E4ICD1 or E4ICD2 generated from the respective isoforms) is translocated to the nucleus. Significantly more E4ICD2 than E4ICD1 is found in the nucleus. E4ICD2 colocalizes with YAP1 in the nucleus. Tissue Specificity Expressed at highest levels in brain, heart, kidney, in addition to skeletal muscle, parathyroid, cerebellum, pituitary, spleen, testis and breast. Lower levels in thymus, lung, salivary gland, and pancreas. Isoform JM-A CYT-1 and isoform	Source	Rabbit,polyclonal
Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Receptor tyrosine-protein kinase erbB-4 (EC 2.7.10.1) (Proto-oncogene-like protein c-ErbB-4) (Tyrosine kinase-type cell surface receptor HER4) (p180erbB4) [Cleaved into: ERBB4 intracellular domain (4ICD) (E4ICD) (s80HER4)] Observed Band 180kD Cell Pathway Cell membrane ; Single-pass type I membrane protein . In response to NRG1 treatment, the activated receptor is internalized.; [ERBB4 intracellular domain]: Nucleus . Mitochondrion . Following proteolytical processing E4ICD (E4ICD1 or E4ICD2 generated from the respective isoforms) is translocated to the nucleus. Significantly more E4ICD2 than E4ICD1 is found in the nucleus. E4ICD2 colocalizes with YAP1 in the nucleus. Tissue Specificity Expressed at highest levels in brain, heart, kidney, in addition to skeletal muscle, parathyroid, cerebellum, pituitary, spleen, testis and breast. Lower levels in thymus, lung, salivary gland, and pancreas. Isoform JM-A CYT-1 and isoform JM-B CYT-1 are expressed in cerebellum, but only the isoform JM-B is expressed	Purification	
Purity ≥90% Storage Stability -20°C/1 year Synonyms Receptor tyrosine-protein kinase erbB-4 (EC 2.7.10.1) (Proto-oncogene-like protein c-ErbB-4) (Tyrosine kinase-type cell surface receptor HER4) (p180erbB4) [Cleaved into: ERBB4 intracellular domain (4ICD) (E4ICD) (s80HER4)] Observed Band 180kD Cell Pathway Cell membrane ; Single-pass type I membrane protein . In response to NRG1 treatment, the activated receptor is internalized.; [ERBB4 intracellular domain]: Nucleus . Mitochondrion . Following proteolytical processing E4ICD (E4ICD1 or E4ICD2 generated from the respective isoforms) is translocated to the nucleus. Significantly more E4ICD2 than E4ICD1 is found in the nucleus. E4ICD2 colocalizes with YAP1 in the nucleus. Tissue Specificity Expressed at highest levels in brain, heart, kidney, in addition to skeletal muscle, parathyroid, cerebellum, pituitary, spleen, testis and breast. Lower levels in thymus, lung, salivary gland, and pancreas. Isoform JM-A CYT-1 and isoform JM-B CYT-1 are expressed in cerebellum, but only the isoform JM-B is expressed	Dilution	WB 1:500-2000 IHC 1:50-200
Storage Stability-20°C/1 yearSynonymsReceptor tyrosine-protein kinase erbB-4 (EC 2.7.10.1) (Proto-oncogene-like protein c-ErbB-4) (Tyrosine kinase-type cell surface receptor HER4) (p180erbB4) [Cleaved into: ERBB4 intracellular domain (4ICD) (E4ICD) (s80HER4)]Observed Band180kDCell PathwayCell membrane ; Single-pass type I membrane protein . In response to NRG1 treatment, the activated receptor is internalized.; [ERBB4 intracellular domain]: Nucleus . Mitochondrion . Following proteolytical processing E4ICD (E4ICD1 or E4ICD2 generated from the respective isoforms) is translocated to the nucleus. Significantly more E4ICD2 than E4ICD1 is found in the nucleus. E4ICD2 colocalizes with YAP1 in the nucleus.Tissue SpecificityExpressed at highest levels in brain, heart, kidney, in addition to skeletal muscle, parathyroid, cerebellum, pituitary, spleen, testis and breast. Lower levels in thymus, lung, salivary gland, and pancreas. Isoform JM-A CYT-1 and isoform JM-B CYT-1 are expressed in cerebellum, but only the isoform JM-B is expressed	Concentration	1 mg/ml
SynonymsReceptor tyrosine-protein kinase erbB-4 (EC 2.7.10.1) (Proto-oncogene-like protein c-ErbB-4) (Tyrosine kinase-type cell surface receptor HER4) (p180erbB4) [Cleaved into: ERBB4 intracellular domain (4ICD) (E4ICD) (s80HER4)]Observed Band180kDCell PathwayCell membrane ; Single-pass type I membrane protein . In response to NRG1 treatment, the activated receptor is internalized.; [ERBB4 intracellular domain]: Nucleus . Mitochondrion . Following proteolytical processing E4ICD (E4ICD1 or E4ICD2 generated from the respective isoforms) is translocated to the nucleus. Significantly more E4ICD2 than E4ICD1 is found in the nucleus. E4ICD2 	Purity	≥90%
protein c-ErbB-4) (Tyrosine kinase-type cell surface receptor HER4) (p180erbB4) [Cleaved into: ERBB4 intracellular domain (4ICD) (E4ICD) (s80HER4)]Observed Band180kDCell PathwayCell membrane ; Single-pass type I membrane protein . In response to NRG1 treatment, the activated receptor is internalized.; [ERBB4 intracellular domain]: Nucleus . Mitochondrion . Following proteolytical processing E4ICD (E4ICD1 or E4ICD2 generated from the respective isoforms) is translocated to the nucleus. Significantly more E4ICD2 than E4ICD1 is found in the nucleus. E4ICD2 colocalizes with YAP1 in the nucleus.Tissue SpecificityExpressed at highest levels in brain, heart, kidney, in addition to skeletal muscle, parathyroid, cerebellum, pituitary, spleen, testis and breast. Lower levels in thymus, lung, salivary gland, and pancreas. Isoform JM-A CYT-1 and isoform JM-B CYT-1 are expressed in cerebellum, but only the isoform JM-B is expressed	Storage Stability	-20°C/1 year
Cell PathwayCell membrane ; Single-pass type I membrane protein . In response to NRG1 treatment, the activated receptor is internalized.; [ERBB4 intracellular domain]: Nucleus . Mitochondrion . Following proteolytical processing E4ICD (E4ICD1 or E4ICD2 generated from the respective isoforms) is translocated to the nucleus. Significantly more E4ICD2 than E4ICD1 is found in the nucleus. E4ICD2 colocalizes with YAP1 in the nucleus.Tissue SpecificityExpressed at highest levels in brain, heart, kidney, in addition to skeletal muscle, parathyroid, cerebellum, pituitary, spleen, testis and breast. Lower levels in thymus, lung, salivary gland, and pancreas. Isoform JM-A CYT-1 and isoform JM-B CYT-1 are expressed in cerebellum, but only the isoform JM-B is expressed	Synonyms	protein c-ErbB-4) (Tyrosine kinase-type cell surface receptor HER4) (p180erbB4)
treatment, the activated receptor is internalized.; [ERBB4 intracellular domain]: Nucleus . Mitochondrion . Following proteolytical processing E4ICD (E4ICD1 or E4ICD2 generated from the respective isoforms) is translocated to the nucleus. Significantly more E4ICD2 than E4ICD1 is found in the nucleus. E4ICD2 colocalizes with YAP1 in the nucleus.Tissue SpecificityExpressed at highest levels in brain, heart, kidney, in addition to skeletal muscle, parathyroid, cerebellum, pituitary, spleen, testis and breast. Lower levels in thymus, lung, salivary gland, and pancreas. Isoform JM-A CYT-1 and isoform JM-B CYT-1 are expressed in cerebellum, but only the isoform JM-B is expressed	Observed Band	180kD
parathyroid, cerebellum, pituitary, spleen, testis and breast. Lower levels in thymus, lung, salivary gland, and pancreas. Isoform JM-A CYT-1 and isoform JM-B CYT-1 are expressed in cerebellum, but only the isoform JM-B is expressed	Cell Pathway	treatment, the activated receptor is internalized.; [ERBB4 intracellular domain]: Nucleus . Mitochondrion . Following proteolytical processing E4ICD (E4ICD1 or E4ICD2 generated from the respective isoforms) is translocated to the nucleus. Significantly more E4ICD2 than E4ICD1 is found in the nucleus. E4ICD2
	Tissue Specificity	parathyroid, cerebellum, pituitary, spleen, testis and breast. Lower levels in thymus, lung, salivary gland, and pancreas. Isoform JM-A CYT-1 and isoform JM-B CYT-1 are expressed in cerebellum, but only the isoform JM-B is expressed

Nanjing BYabscience technology Co.,Ltd



Function	catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,domain:The WW-binding motifs mediate interaction with WWOX.,function:Specifically binds and is activated by neuregulins, NRG-2, NRG-3, heparin-binding EGF-like growth factor, betacellulin and NTAK. Interaction with these factors induces cell differentiation. Not activated by EGF, TGF-A, and amphiregulin.,PTM:Isoform JM-A is processed but not isoform JM-B. So, they respectively represent cleavable and non-cleavable forms of the receptor.,PTM:Ligand-binding increases phosphorylation on tyrosine residues.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. EGF receptor subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Homodimer or heterodimer with each of the other ERBB receptors (Potential). Interacts with PDZ domains of DLG2, DLG3, DLG4 and the syntrophin SN
Background	erb-b2 receptor tyrosine kinase 4(ERBB4) Homo sapiens This gene is a member of the Tyr protein kinase family and the epidermal growth factor receptor subfamily. It encodes a single-pass type I membrane protein with multiple cysteine rich domains, a transmembrane domain, a tyrosine kinase domain, a phosphotidylinositol-3 kinase binding site and a PDZ domain binding motif. The protein binds to and is activated by neuregulins and other factors and induces a variety of cellular responses including mitogenesis and differentiation. Multiple proteolytic events allow for the release of a cytoplasmic fragment and an extracellular fragment. Mutations in this gene have been associated with cancer. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

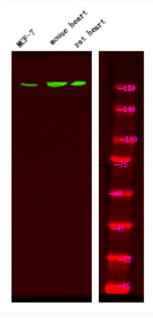
Nanjing BYabscience technology Co.,Ltd



国内优质抗体供应商 精准的 WB 检测服务 24H 在线服务,欢迎咨询



Products Images



Western Blot analysis of mouse brain tissue, MCF-7 rat brain tissue using primary antibody at 1:1000 dilution 4°C, overnight. Secondary antibody(catalog#:RS23920) was diluted at 1:10000 25 °C, 1.5hours

Nanjing BYabscience technology Co.,Ltd