



## 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
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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.

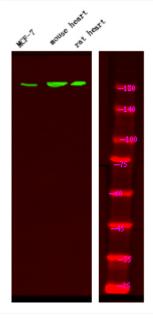
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国内优质抗体供应商 精准的 WB 检测服务 24H 在线服务,欢迎咨询



## **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

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