



## RALA Polyclonal Antibody

Catalog No         BYab-06844           Isotype         IgG           Reactivity         Human;Rat;Mouse           Applications         WB;ELISA           Gene Name         RALA RAL           Protein Name         Ras-related protein Ral-A           Immunogen         Synthesized peptide derived from part region of human protein           Specificity         RALA Polyclonal Antibody detects endogenous levels of protein.           Formulation         Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.           Source         Polyclonal, Rabbit, IgG           Purification         The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-2000 ELISA 1:5000-20000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         20°C/1 year           Observed Band         22kD           Cell Pathway         Cell membrane ; Lipid-anchor ; Cytoplasmic side. Cleavage furrow . Midbody, Midbody ring . Mitochondrion . Predominantly at the cell surface in the absence of respective of LPA, colocalizes with LPARI and LPAR2 in endocytic vesicles (PubMed:19306925). May colocalize with CNTRL/centriolin at the mitochondrion during mitosis where it regulates mitochondrial fission (PubMed:218224277).           <		
Reactivity Human;Rat;Mouse  Applications WB:ELISA  Gene Name RALA RAL  Protein Name Ras-related protein Ral-A  Immunogen Synthesized peptide derived from part region of human protein  Specificity RALA Polycional Antibody detects endogenous levels of protein.  Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.  Source Polycional, Rabbit,IgG  Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000 ELISA 1:5000-2000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band 22kD  Cell Pathway Cell membrane; Lipid-anchor; Cytoplasmic side. Cleavage furrow. Midbody, Midbody ring. Mitochondrion. Predominantly at the cell surface in the absence of LPA. In the presence of LPA, colocalizes with LPAR1 and LPAR2 in endocytic vesicles (PubMed:19306925). May colocalize with CNTRL/centriolin at the midbody ring (PubMed:16213214). However, localization at the midbody at late cytokinesis was not confirmed (PubMed:185699). Relocalizes to the mitochondrion during mitosis where it regulates mitochondrial fission (PubMed:1822277).  Tissue Specificity Eye,Lung,Platelet,  Function similarity:Belongs to the small GTPase superfamily. Ras family, subunit:Interacts with RALBP1 via its effector domain. Interacts with EXOC8 and EXOC8 have overleaping binding sites and compete for REXOC2 in EXOC2.	Catalog No	BYab-06844
Applications WB;ELISA  Gene Name RALA RAL  Protein Name Ras-related protein Ral-A  Immunogen Synthesized peptide derived from part region of human protein  Specificity RALA Polyclonal Antibody detects endogenous levels of protein.  Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.  Source Polyclonal, Rabbit,IgG  Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000 ELISA 1:5000-20000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band 22kD  Cell Pathway Cell membrane : Lipid-anchor : Cytoplasmic side. Cleavage furrow . Micibody, Midbody ring . Mitochondrion . Predominantly at the cell surface in the absence of LPA. In the presence of LPA, colocalizes with LPAR1 and LPAR2 in endocytic vesicles (PubMed: 19213214). However, localization at the midbody at late cytokinesis was not confirmed (PubMed: 1523214). However, localization at the midbody at late cytokinesis was not confirmed (PubMed: 158269). Relocalizes to the mitochondrion during mitosis where it regulates mitochondrial fission (PubMed: 1822277).  Tissue Specificity Eye,Lung,Platelet,  Function similarity:Belongs to the small GTPase superfamily. Ras family, subunit:Interacts with RALBP1 via its effector domain. Interacts with EXOC8 and EXOC2. EXOC2 and EXOC8 have overlapping binding sites and compete for RALA binding.	Isotype	IgG
Gene Name RALA RAL Protein Name Ras-related protein Ral-A  Immunogen Synthesized peptide derived from part region of human protein  Specificity RALA Polyclonal Antibody detects endogenous levels of protein.  Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.  Source Polyclonal, Rabbit, IgG  Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000 ELISA 1:5000-20000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band 22kD  Cell Pathway Cell membrane : Lipid-anchor : Cytoplasmic side. Cleavage furrow . Midbody, Midbody ring . Mitochondrion . Predominantly at the cell surface in the absence of LPA, In the presence of LPA, Colocalizes with LPAR1 and LPAR2 in endocycle vesicles (PubMed:19306925). May colocalize with CNTRL/centriolin at the midbody ring (PubMed:16312314), However, localization at the midbody at late cytokinesis was not confirmed (PubMed:18756269). Relocalizes to the mitochondrion during mitosis where it regulates mitochondrial fission (PubMed:1822277) .  Tissue Specificity Eye,Lung,Platelet,  Function similarity:Belongs to the small GTPase superfamily. Ras familysubunit:Interacts with RALBP1 via its effector domain. Interacts with EXOC8 and EXOC2. EXOC2 and EXOC8 have overlapping binding sites and compete for RALA binding.	Reactivity	Human;Rat;Mouse
Protein Name         Ras-related protein Ral-A           Immunogen         Synthesized peptide derived from part region of human protein           Specificity         RALA Polyclonal Antibody detects endogenous levels of protein.           Formulation         Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.           Source         Polyclonal, Rabbit, IgG           Purification         The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-2000 ELISA 1:5000-20000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         Cell membrane ; Lipid-anchor ; Cytoplasmic side. Cleavage furrow . Midbody indibody ing. Mitochondrion . Predominantly at the cell surface in the absence of LPA. In the presence of LPA, clocalizes with LPAR1 and LPAR2 in endocytic vesicles (PubMed: 19306925). May colocalize with CNTRL/centriolin at the midbody ring (PubMed: 18213214). However, localization at the midbody at late cytokinesis was not confirmed (PubMed:18756269). Relocalizes to the mitochondrion during mitosis where it regulates mitochondrial fission (PubMed:21822277).           Tissue Specificity         Eye,Lung,Platelet,           Function         similarity:Belongs to the small GTPase superfamily. Ras family, subunit:Interacts with RXLBP1 via its effector domain. Interacts with EXOC2 and EXOC2. EXOC2 and EXOC2 have overlapping binding sites and compete for RALA binding.  <	Applications	WB;ELISA
Immunogen       Synthesized peptide derived from part region of human protein         Specificity       RALA Polyclonal Antibody detects endogenous levels of protein.         Formulation       Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.         Source       Polyclonal, Rabbit, IgG         Purification       The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.         Dilution       WB 1:500-2000 ELISA 1:5000-20000         Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       Cell membrane; Lipid-anchor; Cytoplasmic side. Cleavage furrow. Midbody, Midbody ring. Mitochondrion. Predominantly at the cell surface in the absence of LPA, In the presence of LPA, colocalizes with LPAR1 and LPAR2 in endocytic vesicles (PubMed:19306925). May colocalize with CNTRL/centriolin at the midbody ring (PubMed:16213214). However, localization at the midbody ring (PubMed:16213214). However, localization at the midbody ring (PubMed:21822277).         Tissue Specificity       Eye,Lung,Platelet,         Function       similarity:Belongs to the small GTPase superfamily. Ras family, subunit:Interacts with RALBP1 via its effector domain. Interacts with EXOC8 and EXOC2. EXOC2 and EXOC2. EXOC2 and EXOC2 exoce and EXOC2. EXOC2 and EXOC2. EXOC2 and EXOC2. EXOC2 and EXOC2.	Gene Name	RALA RAL
Specificity RALA Polyclonal Antibody detects endogenous levels of protein.  Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.  Source Polyclonal, Rabbit, IgG  Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000 ELISA 1:5000-20000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band 22kD  Cell Pathway Cell membrane; Lipid-anchor; Cytoplasmic side. Cleavage furrow, Midbody, Midbody ring, Mitochondrion, Predominantly at the cell surface in the absence of LPA. In the presence of LPA, colocalizes with LPAR1 and LPAR2 in endocytic vesicles (PubMed:19306925). May colocalize with CNTRL/centrolin at the midbody ring (PubMed:16213214). However, localization at the midbody ring (PubMed:16213214). However, localization at the midbody ring (PubMed:218202277).  Tissue Specificity Eye,Lung,Platelet,  Function similarity:Belongs to the small GTPase superfamily. Ras family, subunit:Interacts with RALBP1 via its effector domain. Interacts with EXOCS and EXOC2. EXOC2 and EXOC2. exoC2c and EXOC2. exoC2c and EXOC2. exoC2c and EXOC3.	Protein Name	Ras-related protein Ral-A
Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.  Source Polyclonal, Rabbit, IgG  Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000 ELISA 1:5000-20000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band 22kD  Cell Pathway Cell membrane: Lipid-anchor: Cytoplasmic side. Cleavage furrow. Midbody, Midbody ring. Mitochondrion. Predominantly at the cell surface in the absence of LPA. In the presence of LPA, colocalizes with LPAR1 and LPAR2 in endocytic vesicles (PubMed:19306925). May colocalize with CNTRL/centriolin at the midbody ring (PubMed:19306925). May colocalize with CNTRL/centriolin at the midbody ring (PubMed:18318214). However, localization at the midbody ring (PubMed:18213214). However, localization at the midbody ring (PubMed:21822277).  Tissue Specificity Eye,Lung,Platelet,  Function similarity:Belongs to the small GTPase superfamily. Ras family., subunit:Interacts with RALBP1 via its effector domain. Interacts with EXOC8 and EXOC2. EXOC2 and EXOC3. EXOC2 and EXOC8.	Immunogen	Synthesized peptide derived from part region of human protein
Source       Polyclonal, Rabbit, IgG         Purification       The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.         Dilution       WB 1:500-2000 ELISA 1:5000-20000         Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       Observed Band       22kD         Cell Pathway       Cell membrane ; Lipid-anchor ; Cytoplasmic side. Cleavage furrow . Midbody, Midbody ring . Mitochondrion . Predominantly at the cell surface in the absence of LPA, ln the presence of LPA, colocalizes with LPAR1 and LPAR2 in endocytic vesicles (PubMed:19306925). May colocalize with CNTRL/centriolin at the midbody ring (PubMed:16213214). However, localization at the midbody ring (PubMed:16213214). However, localization at the midbody ring (PubMed:18232217).         Tissue Specificity       Eye, Lung, Platelet,         Function       similarity:Belongs to the small GTPase superfamily. Ras family, subunit:Interacts with EXOC3 and EXOC2. EXOC2 and EXOC2. EXOC2 and EXOC3 have overlapping binding sites and compete for RALA binding.	Specificity	RALA Polyclonal Antibody detects endogenous levels of protein.
Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000 ELISA 1:5000-20000 Concentration 1 mg/ml  Purity ≥90% Storage Stability -20°C/1 year  Synonyms  Observed Band 22kD  Cell Pathway Cell membrane; Lipid-anchor; Cytoplasmic side. Cleavage furrow. Midbody, Midbody ring. Milochondrion. Predominantly at the cell surface in the absence of LPA. In the presence of LPA colocalizes with LPAR1 and LPAR2 in endocytic vesicles (PubMed:19306925). May colocalize with CNTRL/centriolin at the midbody ring (PubMed:16213214). However, localization at the midbody ring (PubMed:16213214). However, localization at the midbody at late cytokinesis was not confirmed (PubMed:18756269). Relocalizes to the mitochondrion during mitosis where it regulates mitochondrial fission (PubMed:21822277).  Tissue Specificity Eye,Lung,Platelet,  Similarity:Belongs to the small GTPase superfamily. Ras family, subunit:Interacts with RALBP1 via its effector domain. Interacts with EXOC8 and EXOC2. EXOC2 and EXOC8 have overlapping binding sites and compete for RALA binding.	Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000 ELISA 1:5000-20000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band 22kD  Cell Pathway Cell membrane ; Lipid-anchor ; Cytoplasmic side. Cleavage furrow . Midbody, Midbody ring . Mitochondrion . Predominantly at the cell surface in the absence of LPA. In the presence of LPA, colocalizes with LPAR1 and LPAR2 in endocytic vesicles (PubMed:19306925). May colocalize with CNTRL/centriolin at the midbody ring (PubMed:18213214). However, localization at the midbody aring (PubMed:18213214). However, localization at the midbody ring (PubMed:18213214). However, localization at the midbody are late cytokinesis was not confirmed (PubMed:18756269). Relocalizes to the mitochondrion during mitosis where it regulates mitochondrial fission (PubMed:21822277).  Tissue Specificity Eye,Lung,Platelet,  Function similarity:Belongs to the small GTPase superfamily, Ras family, subunit:Interacts with RALBP1 via its effector domain. Interacts with EXOC8 and EXOC2. EXOC2 and EXOC8 have overlapping binding sites and compete for RALA binding.	Source	Polyclonal, Rabbit,IgG
Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band 22kD  Cell Pathway Cell membrane; Lipid-anchor; Cytoplasmic side. Cleavage furrow. Midbody, Midbody ring. Mitochondrion. Predominantly at the cell surface in the absence of LPA. In the presence of LPA. colocalizes with LPAR1 and LPAR2 in endocytic vesicles (PubMed:19306925). May colocalize with CNTRL/centriolin at the midbody ring (PubMed:19306925). Hay colocalize with CNTRL/centriolin at the midbody ring (PubMed:16213214). However, localization at the midbody at late cytokinesis was not confirmed (PubMed:18756269). Relocalizes to the mitochondrion during mitosis where it regulates mitochondrial fission (PubMed:21822277)  Tissue Specificity Eye,Lung,Platelet,  Function similarity:Belongs to the small GTPase superfamily, Ras family.,subunit:Interacts with RALBP1 via its effector domain. Interacts with EXOC8 and EXOC2. EXOC2 and EXOC8 have overlapping binding sites and compete for RALA binding.	Purification	
Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band 22kD  Cell membrane; Lipid-anchor; Cytoplasmic side. Cleavage furrow. Midbody, Midbody ring. Mitochondrion. Predominantly at the cell surface in the absence of LPA. In the presence of LPA, colocalizes with LPAR1 and LPAR2 in endocytic vesicles (PubMed:19306925). May colocalize with CNTRL/centriolin at the midbody ring (PubMed:16213214). However, localization at the midbody at late cytokinesis was not confirmed (PubMed:18756269). Relocalizes to the mitochondrion during mitosis where it regulates mitochondrial fission (PubMed:21822277).  Tissue Specificity Eye,Lung,Platelet,  Function similarity:Belongs to the small GTPase superfamily. Ras family, subunit:Interacts with RALBP1 via its effector domain. Interacts with EXOC8 and EXOC2. EXOC2 and EXOC8 have overlapping binding sites and compete for RALA binding.	Dilution	WB 1:500-2000 ELISA 1:5000-20000
Synonyms  Observed Band  Cell Pathway  Cell membrane; Lipid-anchor; Cytoplasmic side. Cleavage furrow. Midbody, Midbody ring. Mitochondrion. Predominantly at the cell surface in the absence of LPA. In the presence of LPA, colocalizes with LPAR1 and LPAR2 in endocytic vesicles (PubMed:19306925). May colocalize with CNTRL/centriolin at the midbody ring (PubMed:16213214). However, localization at the midbody at late cytokinesis was not confirmed (PubMed:18756269). Relocalizes to the mitochondrion during mitosis where it regulates mitochondrial fission (PubMed:21822277).  Tissue Specificity  Eye,Lung,Platelet,  Similarity:Belongs to the small GTPase superfamily. Ras family.,subunit:Interacts with RALBP1 via its effector domain. Interacts with EXOC8 and EXOC2. EXOC2 and EXOC8 have overlapping binding sites and compete for RALA binding.	Concentration	1 mg/ml
Synonyms  Observed Band  22kD  Cell Pathway  Cell membrane; Lipid-anchor; Cytoplasmic side. Cleavage furrow. Midbody, Midbody ring. Mitochondrion. Predominantly at the cell surface in the absence of LPA. In the presence of LPA, colocalizes with LPAR1 and LPAR2 in endocytic vesicles (PubMed:19306925). May colocalize with CNTRL/centriolin at the midbody ring (PubMed:16213214). However, localization at the midbody at late cytokinesis was not confirmed (PubMed:18756269). Relocalizes to the mitochondrion during mitosis where it regulates mitochondrial fission (PubMed:21822277).  Tissue Specificity  Eye,Lung,Platelet,  Similarity:Belongs to the small GTPase superfamily. Ras family.,subunit:Interacts with RALBP1 via its effector domain. Interacts with EXOC8 and EXOC2. EXOC2 and EXOC8 have overlapping binding sites and compete for RALA binding.	Purity	≥90%
Observed Band         22kD           Cell Pathway         Cell membrane; Lipid-anchor; Cytoplasmic side. Cleavage furrow. Midbody, Midbody ring. Mitochondrion. Predominantly at the cell surface in the absence of LPA. In the presence of LPA, colocalizes with LPAR1 and LPAR2 in endocytic vesicles (PubMed:19306925). May colocalize with CNTRL/centriolin at the midbody ring (PubMed:16213214). However, localization at the midbody at late cytokinesis was not confirmed (PubMed:18756269). Relocalizes to the mitochondrion during mitosis where it regulates mitochondrial fission (PubMed:21822277).           Tissue Specificity         Eye, Lung, Platelet,           Function         similarity:Belongs to the small GTPase superfamily. Ras family., subunit:Interacts with RALBP1 via its effector domain. Interacts with EXOC8 and EXOC2. EXOC2 and EXOC8 have overlapping binding sites and compete for RALA binding.	Storage Stability	-20°C/1 year
Cell Pathway  Cell membrane; Lipid-anchor; Cytoplasmic side. Cleavage furrow. Midbody, Midbody ring. Mitochondrion. Predominantly at the cell surface in the absence of LPA. In the presence of LPA, colocalizes with LPAR1 and LPAR2 in endocytic vesicles (PubMed:19306925). May colocalize with CNTRL/centriolin at the midbody ring (PubMed:16213214). However, localization at the midbody at late cytokinesis was not confirmed (PubMed:18756269). Relocalizes to the mitochondrion during mitosis where it regulates mitochondrial fission (PubMed:21822277).  Tissue Specificity  Eye,Lung,Platelet,  Similarity:Belongs to the small GTPase superfamily. Ras family.,subunit:Interacts with RALBP1 via its effector domain. Interacts with EXOC8 and EXOC2. EXOC2 and EXOC8 have overlapping binding sites and compete for RALA binding.	Synonyms	
Midbody ring . Mitochondrion . Predominantly at the cell surface in the absence of LPA. In the presence of LPA, colocalizes with LPAR1 and LPAR2 in endocytic vesicles (PubMed:19306925). May colocalize with CNTRL/centriolin at the midbody ring (PubMed:16213214). However, localization at the midbody at late cytokinesis was not confirmed (PubMed:18756269). Relocalizes to the mitochondrion during mitosis where it regulates mitochondrial fission (PubMed:21822277)  Tissue Specificity  Eye,Lung,Platelet,  Similarity:Belongs to the small GTPase superfamily. Ras family.,subunit:Interacts with RALBP1 via its effector domain. Interacts with EXOC8 and EXOC2. EXOC2 and EXOC8 have overlapping binding sites and compete for RALA binding.	Cynonyma	
Function  similarity:Belongs to the small GTPase superfamily. Ras family.,subunit:Interacts with RALBP1 via its effector domain. Interacts with EXOC8 and EXOC2. EXOC2 and EXOC8 have overlapping binding sites and compete for RALA binding.	•	22kD
with RALBP1 via its effector domain. Interacts with EXOC8 and EXOC2. EXOC2 and EXOC8 have overlapping binding sites and compete for RALA binding.	Observed Band	Cell membrane; Lipid-anchor; Cytoplasmic side. Cleavage furrow. Midbody, Midbody ring. Mitochondrion. Predominantly at the cell surface in the absence of LPA. In the presence of LPA, colocalizes with LPAR1 and LPAR2 in endocytic vesicles (PubMed:19306925). May colocalize with CNTRL/centriolin at the midbody ring (PubMed:16213214). However, localization at the midbody at late cytokinesis was not confirmed (PubMed:18756269). Relocalizes to the mitochondrion during mitosis where it regulates mitochondrial fission
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Background	RAS like proto-oncogene A(RALA) Homo sapiens The product of this gene belongs to the small GTPase superfamily, Ras family of proteins. GTP-binding proteins mediate the transmembrane signaling initiated by the occupancy of certain cell surface receptors. This gene encodes a low molecular mass ras-like GTP-binding protein that shares about 50% similarity with other ras proteins. [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.

## **Products Images** Western blot analysis of lysates from K562 cells, 1 kDa primary antibody was diluted at 1:1000, 4° over night 180 --140 --100 --75 --60 --45 --35 --25 --**RALA** 15 --10 --

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