



RAB3A rabbit pAb

Catalog No	YP-Ab-12052
Isotype	IgG
Reactivity	Human; Mouse; Rat
Applications	WB; ELISA; IHC
Gene Name	RAB3A
Immunogen	Synthesized peptide derived from human RAB3A AA range: 27-77
Specificity	This antibody detects endogenous levels of RAB3A at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit, IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000; IHC-p 1:50-300; ELISA 2000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	RAB3A; Ras related protein Rab 3A
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Cytoplasm, cytosol . Lysosome . Cytoplasmic vesicle, secretory vesicle . Cell projection, axon . Cell membrane ; Lipid-anchor ; Cytoplasmic side . Cell junction, synapse, presynapse . Cell junction, synapse, postsynapse . Cycles between a vesicle-associated GTP-bound form and a cytosolic GDP-bound form. .
Tissue Specificity	Specifically expressed in brain.
Function	function: Involved in exocytosis by regulating a late step in synaptic vesicle fusion. Could play a role in neurotransmitter release by regulating membrane flow in the nerve terminal. similarity: Belongs to the small GTPase superfamily. Rab family. subunit: Heterodimer with RIMS2. Part of a ternary complex involving PCLO and EPAC2. Interacts with RPH3A. Interacts with the exocyst complex through SEC15. Binds SYTL4, RIMS1 and RIMS2. Interacts with RAB3IP. Interacts with SGSM1 and SGSM3. tissue specificity: Specifically expressed in brain. ,



Background

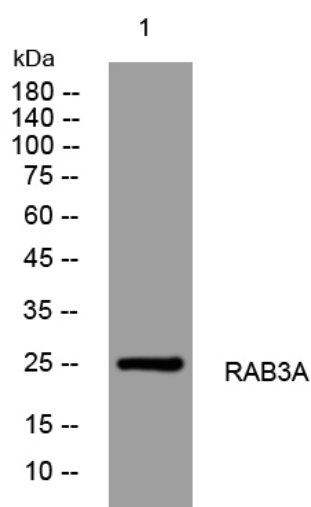
matters needing attention

Avoid repeated freezing and thawing!

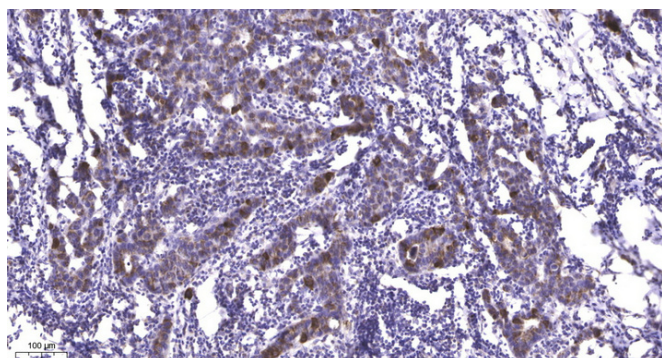
Usage suggestions

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 HpeG2 cells, primary antibody was diluted at 1:1000, 4° over night



Immunohistochemical analysis of paraffin-embedded human Breast cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA, pH9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 45min).