

Rabbit RAB3A Polyclonal Antibody | anti-RAB3A antibody

RAB3A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323284	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

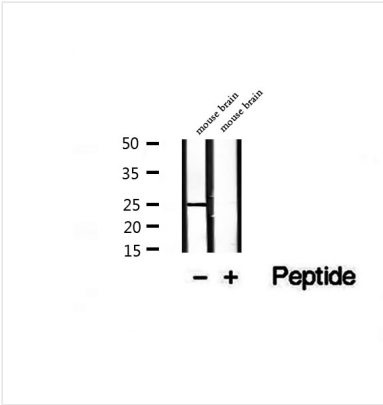
PRODUCT SYNONYMS

RAB3A; Polyclonal Antibody; RAB3A Antibody; Rab 3A; RAB 3A member RAS oncogene family; Rab3a; RAB3A member RAS oncogene family; RAB3A_HUMAN; RAS associated protein RAB 3A; RAS associated protein RAB3A; Ras related protein Rab 3A; Ras related protein Rab3A; Ras-related protein Rab-3A; anti-RAB3A antibody

PRODUCT SPECIFICATIONS

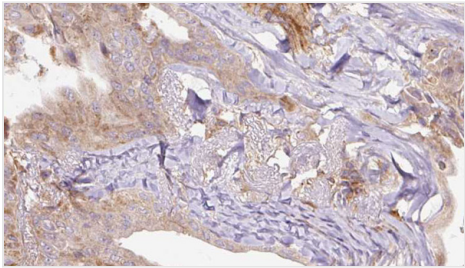
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	RAB3A antibody detects endogenous levels of RAB3A.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	220
Applicable Applications for anti-RAB3A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human RAB3A.
Subcellular Location	Cell Membrane
Tissue Specificity	Specifically expressed in brain.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Dog, Chicken, Xenopus
Similarity	Pig (100%), Bovine (93%), Horse (100%), Sheep (93%), Dog (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of mouse brain tissue, using RAB3A antibody.



IHC (Immunohistochemistry)

AAA323284 at 1/100 staining Human thyroid cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-RAB3A antibody	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. Subunit Structure: Heterodimer with RIMS2. Part of a ternary complex involving PCLO and EPAC2. Interacts with RPH3A and RPH3AL. Interacts with the exocyst complex through SEC15. Binds SYTL4 and RIMS1. Interacts with RAB3IP. Interacts with SGSM1 and SGSM3 (By similarity). Similarity: Belongs to the small GTPase superfamily. Rab family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506367
NCBI GeneID	5864
NCBI Accession #	NP_002857.1
NCBI GenBank Nucleotide #	NM_002866.4
UniProt Accession #	P20336; Q9NVE1; A8K0J4
Molecular Weight	Observed: 25 kDa Predicted: 25 kDa
NCBI Official Full Name	ras-related protein Rab-3A
NCBI Official Synonym Full Names	RAB3A, member RAS oncogene family
NCBI Official Symbol	RAB3A
NCBI Protein Information	ras-related protein Rab-3A
UniProt Protein Name	Ras-related protein Rab-3A
UniProt Gene Name	RAB3A

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rab3a-antibody-immunohistochemistry-western-blot-elisa/323284>