

Mouse RAB3A Monoclonal Antibody | anti-RAB3A antibody

Anti-RAB3A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA266001	Mouse	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Immunofluorescence, Western Blot

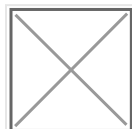
PRODUCT SYNONYMS

RAB3A; Monoclonal Antibody; Anti-RAB3A Antibody; anti-RAB3A antibody

PRODUCT SPECIFICATIONS

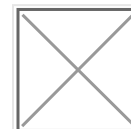
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Mouse IgG1 kappa
Specificity	Recognizes endogenous levels of RAB3A protein.
Purity/Purification	This antibody is purified through a protein G column.
Form/Format	Mouse IgG1 kappa. Liquid in PBS, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-RAB3A antibody	FCM/FACS (Flow Cytometry), IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human RAB3A. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



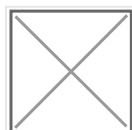
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of PC12 cells using Anti-RAB3A Antibody. The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody at 37 °C for 60 min. The secondary antibody Goat Anti-Mouse IgG (H&L) - AF488 was incubated at 37 °C for 40 min. Isotype control antibody (blue line) was used under the same condition.



IF (Immunofluorescence)

Immunofluorescent analysis of RAB3A staining in PC12 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF555 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Western blot analysis of RAB3A expression in mouse brain (A), rat brain (B) whole cell lysates. (Predicted band size: 24 kD; Observed band size: 25 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-RAB3A antibody	Mouse monoclonal antibody to RAB3A
Product Categories/Family for anti-RAB3A antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506367
NCBI GeneID	5864
NCBI Accession #	NP_002857.1
NCBI GenBank Nucleotide #	NM_002866.4
UniProt Accession #	P20336; P63011; P63012
Molecular Weight	24,984 Da
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; RAS-associated protein RAB3A
UniProt Protein Name	Ras-related protein Rab-3A
UniProt Gene Name	RAB3A
UniProt Entry Name	RAB3A_HUMAN

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/monoclonal/rab3a-antibody-flow-cytometry-immunochemistry-immunofluorescence-western-blot-elisa/266001>