

Rabbit RAB2A Polyclonal Antibody | anti-RAB2A antibody

RAB2A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325050	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

RAB2A; Polyclonal Antibody; RAB2A Antibody; 9330148M11Rik; C80220; GTP binding protein; LHX; OTTMUSP00000004796; RAB2; RAB2 member RAS oncogene family; member RAS oncogene family; RAB2A_HUMAN; Ras related protein Rab 2A; RAS-associated protein RAB2; Ras-related protein Rab-2A; RP23-183L6.1; Small GTP binding protein RAB2A; anti-RAB2A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	RAB2A antibody detects endogenous levels of total RAB2A
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	188
Applicable Applications for anti-RAB2A antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Endoplasmic Reticulum-Golgi Intermediate Compartment Membrane. Melanosome. Endoplasmic Reticulum Membrane. Golgi Apparatus Membrane. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.
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 from A549 cells, using RAB2A antibody.



IF (Immunofluorescence)

AAA325050 staining A549 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



IHC (Immunohistochemistry)

AAA325050 at 1/100 staining Human lung 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-RAB2A antibody

Function: Required for protein transport from the endoplasmic reticulum to the Golgi complex.
Subunit Structure: Interacts with PRKCI.
Similarity: Belongs to the small GTPase superfamily. Rab family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	336391093
NCBI GeneID	5862
NCBI Accession #	NP_001229573.1
NCBI GenBank Nucleotide #	NM_001242644.1
UniProt Accession #	P61019; P08886; B2R5W8; B4DMQ5
Molecular Weight	Observed: 25 kD Predicted: 24 kDa
NCBI Official Full Name	ras-related protein Rab-2A isoform b
NCBI Official Synonym Full Names	RAB2A, member RAS oncogene family
NCBI Official Symbol	RAB2A
NCBI Official Synonym Symbols	LHX; RAB2
NCBI Protein Information	ras-related protein Rab-2A
UniProt Protein Name	Ras-related protein Rab-2A
UniProt Gene Name	RAB2A
UniProt Synonym Gene Names	RAB2

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/rab2a-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/325050>