

Rabbit RAB7A Polyclonal Antibody | anti-RAB7A antibody

RAB7A Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28256	Rabbit	Human, Mouse, Rat	Western Blot, Immunofluorescence, Immunohistochemistry

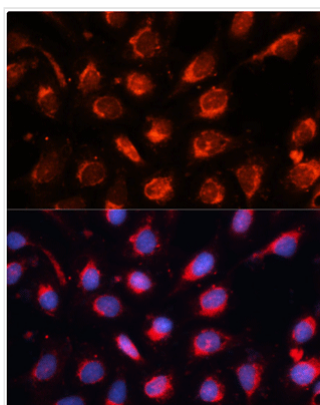
PRODUCT SYNONYMS

RAB7A; Polyclonal Antibody; RAB7A Polyclonal Antibody; PRO2706; RAB7; anti-RAB7A antibody

PRODUCT SPECIFICATIONS

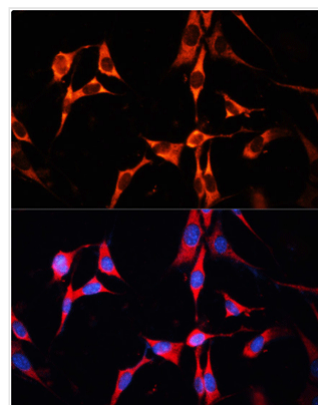
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	207
Applicable Applications for anti-RAB7A antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Application Notes	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF: 1:50 - 1:200
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 100 to the C-terminus of human RAB7A (NP_004628.4)
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preparation and Storage	Store at -20°C. Avoid freeze/thaw cycles.

IMAGES



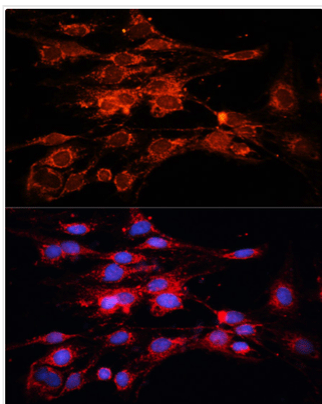
IF (Immunofluorescence)

Immunofluorescence analysis of U-2OS cells using RAB7A antibody (A12784) at dilution of 1:100. Blue: DAPI for nuclear staining.



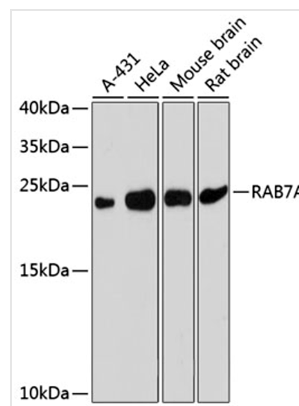
IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using RAB7A antibody (AAA28256) at dilution of 1:100. Blue: DAPI for nuclear staining.



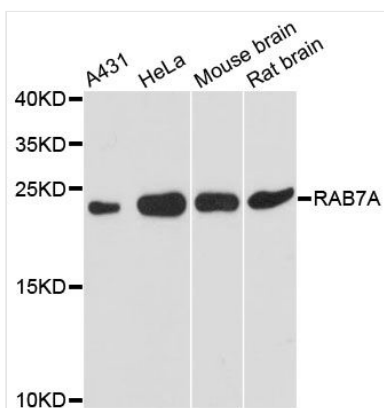
IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using RAB7A antibody (AAA28256) at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using RAB7A antibody (AAA28256) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 90s



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using RAB7A antibody at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-RAB7A antibody

RAB family members are small, RAS-related GTP-binding proteins that are important regulators of vesicular transport. Each RAB protein targets multiple proteins that act in exocytic / endocytic pathways. This gene encodes a RAB family member that regulates vesicle traffic in the late endosomes and also from late endosomes to lysosomes. This encoded protein is also involved in the cellular vacuolation of the VacA cytotoxin of *Helicobacter pylori*. Mutations at highly conserved amino acid residues in this gene have caused some forms of Charcot-Marie-Tooth (CMT) type 2 neuropathies.

Product Categories/Family for anti-RAB7A antibody

Primary antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	1709999
NCBI GeneID	7879
UniProt Accession #	P51149; Q9NWX0; Q9UPB0; A8K3V6
Molecular Weight	Observed MW: 23 kDa Calculated MW: 23 kDa
NCBI Official Full Name	Ras-related protein Rab-7a

NCBI Official Synonym Full Names	RAB7A, member RAS oncogene family
NCBI Official Symbol	RAB7A
NCBI Official Synonym Symbols	RAB7; PRO2706
NCBI Protein Information	ras-related protein Rab-7a
UniProt Protein Name	Ras-related protein Rab-7a
UniProt Gene Name	RAB7A
UniProt Synonym Gene Names	RAB7

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://www.aaabiotech.com/polyclonal/rab7a-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/28256>