

Rabbit RAB7 Polyclonal Antibody | anti-RAB7A antibody

RAB7 Antibody (C-term)

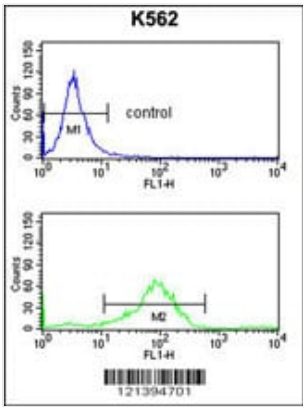
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284896	Rabbit	Human (Predicted Reactivity: Mouse)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

RAB7; Polyclonal Antibody; RAB7 Antibody (C-term); Ras-related protein Rab-7a; RAB7A; anti-RAB7A antibody

PRODUCT SPECIFICATIONS

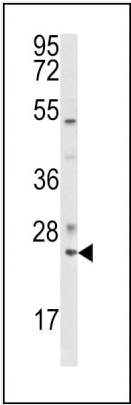
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RAB7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 176-204 amino acids from the C-terminal region of human RAB7.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.28 (varies by lot)
Sequence Positions	176-204
Sequence Length	207
Applicable Applications for anti-RAB7A antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
RAB7 Antibody (C-term) flow cytometry analysis of K562 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human skeletal muscle reacted with RAB7 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of RAB7 Antibody (C-term) in K562 cell line lysates (35ug/lane). RAB7 (arrow) was detected using the purified Pab.

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. RAB7 is a RAB family member that regulates vesicle traffic in the late endosomes and also from late endosomes to lysosomes. This protein is also involved in the cellular vacuolation of the VacA cytotoxin of Helicobacter pylori.
Product Categories/Family for anti-RAB7A antibody	Signal Transduction
References	Davies,J.P., et.al., Genomics 41 (1), 131-134 (1997) Vitelli,R., et.al., Biochem. Biophys. Res. Commun. 229 (3), 887-890 (1996)

NCBI AND UNIPROT INFORMATION

NCBI GI #	34147513
NCBI GeneID	7879
NCBI Accession #	NP_004628.4
NCBI GenBank Nucleotide #	NM_004637.5
UniProt Accession #	P51149; Q9NWX0; Q9UPB0; A8K3V6

Molecular Weight	23490
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
UniProt Entry Name	RAB7A_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://www.aaabiotech.com/polyclonal/rab7-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/284896>