Rabbit Rab10 Monoclonal Antibody | anti-RAB10 antibody

Rab10 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA269455	**Rabbit**	**Human, Mouse, Rat**	**Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Western Blot**

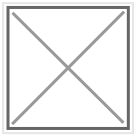
PRODUCT SYNONYMS

Rab10; Monoclonal Antibody; Rab10 Rabbit mAb; RAB10; anti-RAB10 antibody

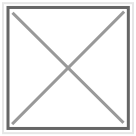
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	R06-2A3
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Applicable Applications for anti-RAB10 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human RAB10
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



ICC (Immunocytochemistry)
Immunocytochemistry analysis of Rab10 (green) in A549 using Rab10 antibody,and DAPI(blue).



WB (Western Blot)
Western blot analysis of RAB10 in C6, 3T3, Hela lysates using RAB10 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RAB10 antibody	The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different set of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion. That Rab is mainly involved in the biosynthetic transport of proteins from the Golgi to the plasma membrane. Regulates, for instance, SLC2A4/GLUT4 glucose transporter-enriched vesicles delivery to the plasma membrane. In parallel, it regulates the transport of TLR4, a toll-like receptor to the plasma membrane and therefore may be important for innate immune response. Plays also a specific role in asymmetric protein transport to the plasma membrane within the polarized neuron and epithelial cells. In neurons, it is involved in axonogenesis through regulation of vesicular membrane trafficking toward the axonal plasma membrane while in epithelial cells, it regulates transport from the Golgi to the basolateral membrane. Moreover, may play a role in the basolateral recycling pathway and in phagosome maturation. According to PubMed:23263280, may play a role in endoplasmic reticulum dynamics and morphology controlling tubulation along microtubules and tubules fusion

Product Categories/Family for anti-RAB10 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	46577638
NCBI GeneID	10890
UniProt Accession #	P61026; O88386; Q6IA52; Q9D7X6; Q9H0T3; D6W538
Molecular Weight	200
NCBI Official Full Name	Ras-related protein Rab-10
NCBI Official Synonym Full Names	RAB10, member RAS oncogene family
NCBI Official Symbol	RAB10
NCBI Protein Information	ras-related protein Rab-10; GTP-binding protein RAB10; ras-related GTP-binding protein
UniProt Protein Name	Ras-related protein Rab-10
UniProt Gene Name	**RAB10**
UniProt Entry Name	RAB10_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/rab10-antibody-clone-r06-2a3-immunoprecipitation-immunofluorescence-immunocytochemistry-western-blot-elisa/269455