

Datasheet for ABIN7167222
anti-RAB11A antibody (AA 2-213) (Biotin)



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Overview

Quantity:	100 µg
Target:	RAB11A
Binding Specificity:	AA 2-213
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAB11A antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Ras-related protein Rab-11A protein (2-213AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	RAB11A
Alternative Name:	RAB11A (RAB11A Products)
Background:	Background: 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

Target Details

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 regulates endocytic recycling. Acts as a major regulator of membrane delivery during cytokinesis. Together with MYO5B and RAB8A participates in epithelial cell polarization. Together with RAB3IP, RAB8A, the exocyst complex, PARD3, PRKCI, ANXA2, CDC42 and DNMBP promotes transcytosis of PODXL to the apical membrane initiation sites (AMIS), apical surface formation and lumenogenesis. Together with MYO5B participates in CFTR trafficking to the plasma membrane and TF (Transferrin) recycling in nonpolarized cells. Required in a complex with MYO5B and RAB11FIP2 for the transport of NPC1L1 to the plasma membrane. Participates in the sorting and basolateral transport of CDH1 from the Golgi apparatus to the plasma membrane. Regulates the recycling of FCGRT (receptor of Fc region of monomeric Ig G) to basolateral membranes. May also play a role in melanosome transport and release from melanocytes.

Aliases: MGC1490 antibody, Rab 11 antibody, Rab 11A antibody, RAB 11A, member oncogene family antibody, Rab-11 antibody, RAB11 A antibody, RAB11 antibody, Rab11a antibody, RAB11A member RAS oncogene family antibody, Ras related protein Rab 11A antibody, Ras related protein Rab11A antibody, Ras-related protein Rab-11A antibody, RB11A_HUMAN antibody, YL 8 antibody, YL8 antibody

UniProt:	P62491
Pathways:	Regulation of Cell Size , Thromboxane A2 Receptor Signaling , Regulation of long-term Neuronal Synaptic Plasticity

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.