

RAB11A Antibody

Catalog_no :	AB3477
Reactivity :	H, M, Rat
Category :	抗原抗体
Size :	100 μ L/50 μ L
Immunogen :	HUMAN
Specificity :	This RAB11A antibody is generated from a mouse immunized with a purified recombinant protein of human RAB11A.
Dilution :	WB,1:4000;IHC-P,1:25;
Other_name :	Ras-related protein Rab-11A, Rab-11, YL8, RAB11A, RAB11
Isotype :	IgG1, κ
Background :	<p>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 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.</p>
reference :	<p>Drivas G.T.,et al.Oncogene 6:3-9(1991). Zahraoui A.,et al.Submitted (NOV-1990) to the EMBL/GenBank/DDBJ databases. Gromov P.S.,et al.FEBS Lett. 429:359-364(1998). Puhl H.L. III,et al.Submitted (APR-2002) to the EMBL/GenBank/DDBJ databases. Ebert L.,e</p>