

产品名称: RAB11A Mouse Monoclonal Antibody
产品货号: AMM86004



产品概述 (Summary)

产品名称 (Production Name)	RAB11A Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC
种属反应性 (Reactivity)	Human, Mouse, Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	RAB11A
别名 (Alternative Names)	Ras-related protein Rab-11A, Rab-11, YL8, RAB11A, RAB11
基因 ID (Gene ID)	8766.0
蛋白 ID (SwissProt ID)	P62491. This RAB11A antibody is generated from a mouse immunized with a purified recombinant protein of human RAB11A.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:2000, IHC 1:100-1:500
蛋白分子量 (Molecular Weight)	24.4kDa

研究背景 (Background)

The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to

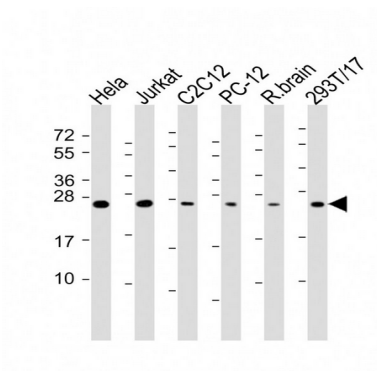
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their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different set of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion. 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 RAB31P, 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.

研究领域 (Research Area)

图片 (Image Data)



All lanes : Anti-RAB11A Antibody at 1:4000 dilution

注意事项 (Note)

For research use only .