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Rab11-FIP2 Polyclonal Antibody

Catalog # AP72126

Product Information

Application	WB, E, IHC-P
Primary Accession	Q7L804
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	58279

Additional Information

Gene ID	22841
Other Names	RAB11FIP2; KIAA0941; Rab11 family-interacting protein 2; Rab11-FIP2; NRip11
Dilution	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications. E~~N/A IHC-P~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

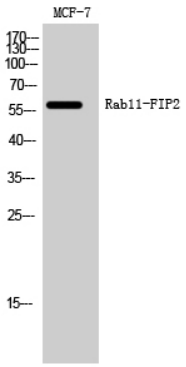
Protein Information

Name	RAB11FIP2
Synonyms	KIAA0941
Function	A Rab11 effector binding preferentially phosphatidylinositol 3,4,5-trisphosphate (PtdInsP3) and phosphatidic acid (PA) and acting in the regulation of the transport of vesicles from the endosomal recycling compartment (ERC) to the plasma membrane. Involved in insulin granule exocytosis. Also involved in receptor-mediated endocytosis and membrane trafficking of recycling endosomes, probably originating from clathrin-coated vesicles. Required in a complex with MYO5B and RAB11 for the transport of NPC1L1 to the plasma membrane. Also acts as a regulator of cell polarity. Plays an essential role in phagocytosis through a mechanism involving TICAM2, RAC1 and CDC42 Rho GTPases for controlling actin-dynamics.
Cellular Location	Cell projection, phagocytic cup. Cell membrane; Peripheral membrane protein. Recycling endosome membrane; Peripheral membrane protein Note=Translocates with RAB11A from the vesicles of the endocytic recycling compartment (ERC) to the plasma membrane

Background

A Rab11 effector binding preferentially phosphatidylinositol 3,4,5-trisphosphate (PtdInsP3) and phosphatidic acid (PA) and acting in the regulation of the transport of vesicles from the endosomal recycling compartment (ERC) to the plasma membrane. Involved in insulin granule exocytosis. Also involved in receptor-mediated endocytosis and membrane trafficking of recycling endosomes, probably originating from clathrin-coated vesicles. Required in a complex with MYO5B and RAB11 for the transport of NPC1L1 to the plasma membrane. Also acts as a regulator of cell polarity.

Images



Western Blot analysis of MCF-7 cells using Rab11-FIP2 Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.