

RAB11FIP1 Antibody

Purified Mouse Monoclonal Antibody

Catalog # AO2084a

Product Information

Application	WB, IHC, FC, ICC, E
Primary Accession	Q6WKZ4
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Clone Names	1A12B9D8
Isotype	IgG1
Calculated MW	137167
Description	This gene encodes one of the Rab11-family interacting proteins (Rab11-FIPs), which play a role in the Rab-11 mediated recycling of vesicles. The encoded protein may be involved in endocytic sorting, trafficking of proteins including integrin subunits and epidermal growth factor receptor (EGFR), and transport between the recycling endosome and the trans-Golgi network. Alternative splicing results in multiple transcript variants. A pseudogene is described on the X chromosome
Immunogen	Purified recombinant fragment of human RAB11FIP1 (AA: 130-271) expressed in E. Coli.
Formulation	Purified antibody in PBS with 0.05% sodium azide

Additional Information

Gene ID	80223
Other Names	Rab11 family-interacting protein 1, Rab11-FIP1, Rab-coupling protein, RAB11FIP1, RCP
Dilution	WB~~1/500 - 1/2000 IHC~~1/200 - 1/1000 FC~~1:10~50 ICC~~N/A E~~1/10000
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	RAB11FIP1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	RAB11FIP1 (HGNC:30265)
-------------	--

Synonyms

RCP

Function

A Rab11 effector protein involved in the endosomal recycling process. Also involved in controlling membrane trafficking along the phagocytic pathway and in phagocytosis. Interaction with RAB14 may function in the process of neurite formation (PubMed:[26032412](#)).

Cellular Location

Recycling endosome. Cytoplasmic vesicle. Note=RAB11A rather than RAB4A mediates localization in the endocytic recycling compartment (ERC)
Colocalizes with Rab11 and RAB14 on punctate vesicles (PubMed:26032412).

Tissue Location

Isoform 2 is expressed in brain, heart, testis, lung, spleen, ovary and small intestine.

References

1.J Clin Invest. 2009 Aug;119(8):2171-83.2.J Mol Endocrinol. 2005 Oct;35(2):357-72.

Images

