

Anti-RAB11FIP1 Antibody

Catalog # AP96021

Product Information

Application	WB, IHC, FC, IF/IC
Primary Accession	Q6WKZ4
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Calculated MW	137167

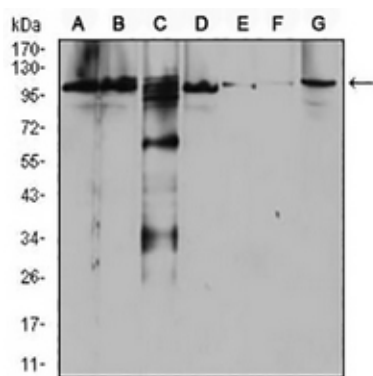
Additional Information

Gene ID	80223
Other Names	RCP; Rab11 family-interacting protein 1; Rab11-FIP1; Rab-coupling protein
Target/Specificity	Recombinant fusion protein of human RAB11FIP1 expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~FC (1/100 - 1/200) IF/IC~~N/A
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

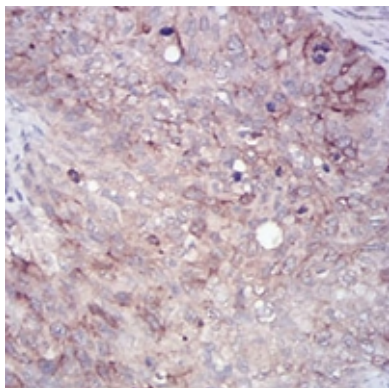
Protein Information

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.

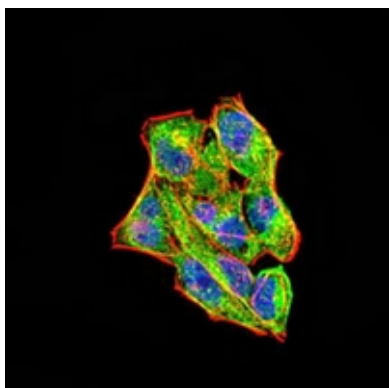
Images



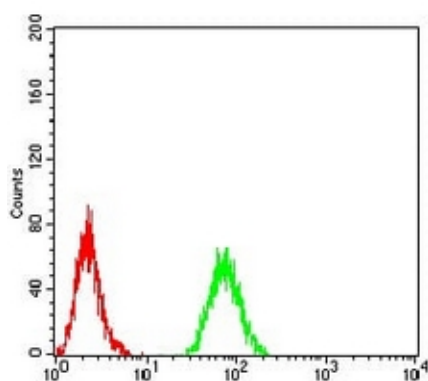
Western blot analysis of RAB11FIP1 expression in Raji (A), SW620 (B), A431 (C), SW480 (D), HepG2 (E), Hela (F), NIH3T3 (G) whole cell lysates. (Predicted band size: 137 kD; Observed band size: 105 kD)



Immunohistochemical analysis of RAB11FIP1 staining in human cervical cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of RAB11FIP1 staining in Hela cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



Flow cytometric analysis of Raji cells using Anti-RAB11FIP1 Antibody (green) and negative control (red).

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