

Rabbit anti-Human, Mouse Rab11-FIP4 Polyclonal Antibody | anti-RAB11FIP4 antibody

Rab11-FIP4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322605	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

Rab11-FIP4; Polyclonal Antibody; Rab11-FIP4 Antibody; Rab11 family interacting protein 4; RAB11 FIP4; Rab11 FIP4 like; RGD1305063; RP23-271B20.4; anti-RAB11FIP4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Rab11-FIP4 antibody detects endogenous levels of total Rab11-FIP4
Purity/Purification	Peptide affinity purification
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	535
Applicable Applications for anti-RAB11FIP4 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Rab11-FIP4, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA322605 staining A549 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA322605) and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI (blue).



WB (Western Blot)

Western blot analysis of extracts from various samples, using Rab11-FIP4 Antibody. Lane 1: LoVo cells, blocked with antigen-specific peptides, Lane 2: LoVo cells, Lane 3: NIH-3T3 cells.

ADDITIONAL INFORMATION

Related Product Information for anti-RAB11FIP4 antibody	Function: Acts as a regulator of endocytic traffic by participating in membrane delivery. Required for the abscission step in cytokinesis, possibly by acting as an 'address tag' delivering recycling endosome membranes to the cleavage furrow during late cytokinesis. In case of infection by HCMV (human cytomegalovirus), may participate in egress of the virus out of nucleus; this function is independent of ARF6. Subunit Structure: Homodimer. Forms a complex with Rab11 (RAB11A or RAB11B) and ARF6. Interacts with RAB11A; the interaction is direct. Forms a heterooligomeric complex with RAB11FIP2, RAB11FIP3 and RAB11FIP5. Interacts with HCMV (human cytomegalovirus) gM/UL100. Interacts with ECPAS. Similarity: The RBD-FIP domain mediates the interaction with Rab11 (RAB11A or RAB11B).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	756140942
NCBI GeneID	84440
NCBI Accession #	NP_001290471.2
NCBI GenBank Nucleotide #	NM_001303542.2
UniProt Accession #	Q86YS3; Q52L11; Q8N829; Q8NDT7; Q969D8
Molecular Weight	72kDa
NCBI Official Full Name	rab11 family-interacting protein 4 isoform 2
NCBI Official Synonym Full Names	RAB11 family interacting protein 4
NCBI Official Symbol	RAB11FIP4
NCBI Official Synonym Symbols	FIP4-Rab11; RAB11-FIP4
NCBI Protein Information	rab11 family-interacting protein 4
UniProt Protein Name	Rab11 family-interacting protein 4
UniProt Gene Name	RAB11FIP4
UniProt Synonym Gene Names	ARFO2; KIAA1821; FIP4-Rab11; Rab11-FIP4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.