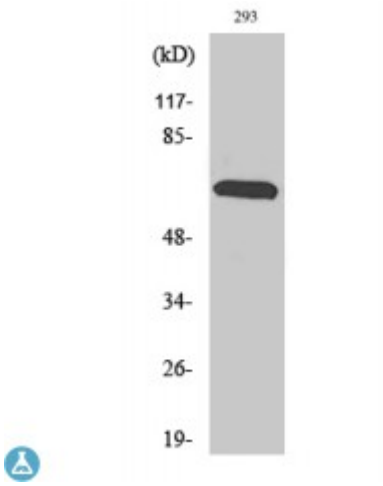
Anti-Rab11-FIP4 antibody



Description	Rabbit polyclonal to Rab11-FIP4.

Model	STJ95310
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human Rab11-FIP4
Immunogen Region	430-510 aa, Internal
Gene ID	84440
Gene Symbol	RAB11FIP4
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:40000
Specificity	Rab11-FIP4 Polyclonal Antibody detects endogenous levels of Rab11-FIP4 protein.
Tissue Specificity	Present at high level in testis (at protein level). Weakly expressed in other tissues.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Rab11 family-interacting protein 4 FIP4-Rab11 Rab11-FIP4 Arfophilin-2
Molecular Weight	72 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:30267OMIM:611999
Alternative Names	Rab11 family-interacting protein 4 FIP4-Rab11 Rab11-FIP4 Arfophilin-2
Function	Acts as a regulator of endocytic traffic by participating in membrane delivery. Required for the abcission 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.
Sequence and Domain Family	The RBD-FIP domain mediates the interaction with Rab11 (RAB11A or RAB11B).
Cellular Localization	Endosome Cytoplasm, cytoskeleton, spindle Cytoplasm, cytoskeleton, microtubule organizing center, centrosome Recycling endosome membrane Midbody Cytoplasmic vesicle. Recruited to the cleavage furrow and the midbody during cytokinesis.