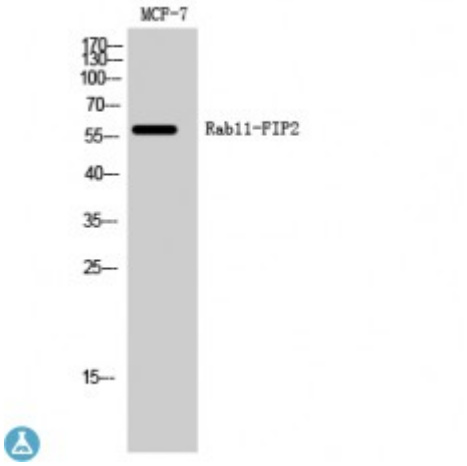
Anti-Rab11-FIP2 antibody



Description	Rabbit polyclonal to Rab11-FIP2.

Model	STJ95308
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human Rab11-FIP2
Immunogen Region	310-390 aa, Internal
Gene ID	22841
Gene Symbol	RAB11FIP2
Dilution range	WB 1:500-1:2000ELISA 1:10000
Specificity	Rab11-FIP2 Polyclonal Antibody detects endogenous levels of Rab11-FIP2 protein.
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 2 Rab11-FIP2 NRip11
Molecular Weight	58 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:29152OMIM:608599
Alternative Names	Rab11 family-interacting protein 2 Rab11-FIP2 NRip11
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.
Cellular Localization	Cell membrane. Peripheral membrane protein. Recycling endosome membrane. Peripheral membrane protein. Translocates with RAB11A from the vesicles of the endocytic recycling compartment (ERC) to the plasma membrane.
Post-translational Modifications	Phosphorylation at Ser-227 by MARK2 regulates epithelial cell polarity.