

## Anti-RFIP5 antibody

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<b>Description</b>	Unconjugated Rabbit polyclonal to RFIP5
<b>Model</b>	STJ191237
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Synthesized peptide derived from human RFIP5 protein.
<b>Immunogen Region</b>	570-650aa
<b>Gene ID</b>	<a href="#">26056</a>
<b>Gene Symbol</b>	<a href="#">RAB11FIP5</a>
<b>Dilution range</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Specificity</b>	RFIP5 Polyclonal Antibody detects endogenous levels of protein.
<b>Tissue Specificity</b>	Detected at low levels in heart, brain, placenta, lung, liver, adipocytes, kidney, spleen, skeletal muscle and pancreas.
<b>Purification</b>	RFIP5 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Rab11 family-interacting protein 5 Rab11-FIP5 Gamma-SNAP-associated factor 1 Gaf-1 Phosphoprotein pp75 Rab11-interacting protein Rip11
<b>Molecular Weight</b>	71 kDa
<b>Clonality</b>	Polyclonal

<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:24845OMIM:605536</a>
<b>Alternative Names</b>	Rab11 family-interacting protein 5 Rab11-FIP5 Gamma-SNAP-associated factor 1 Gaf-1 Phosphoprotein pp75 Rab11-interacting protein Rip11
<b>Function</b>	Rab effector involved in protein trafficking from apical recycling endosomes to the apical plasma membrane. Involved in insulin granule exocytosis. May regulate V-ATPase intracellular transport in response to extracellular acidosis.
<b>Sequence and Domain Family</b>	Binds to vesicles enriched in neutral phospholipids via its C2 domain. The interaction is favored by Mg(2+) rather than Ca(2+).
<b>Cellular Localization</b>	Cytoplasm. Recycling endosome membrane. Peripheral membrane protein. Early endosome membrane Golgi apparatus membrane Cytoplasmic vesicle, secretory vesicle membrane Mitochondrion membrane. Peripheral membrane protein.
<b>Post-translational Modifications</b>	Phosphorylated on serine and threonine residues. Phosphorylation at Ser-357 is PKA-dependent.

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