Anti-Rab 11B antibody

Description	Rabbit polyclonal to Rab 11B.

Model	STJ95284
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human Rab 11B
Immunogen Region	140-220 aa, C-terminal
Gene ID	9230
Gene Symbol	RAB11B
Dilution range	WB 1:500-1:2000ELISA 1:10000
Specificity	Rab 11B Polyclonal Antibody detects endogenous levels of Rab 11B 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	Ras-related protein Rab-11B GTP-binding protein YPT3
Molecular Weight	28 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:9761OMIM:604198
Alternative Names	Ras-related protein Rab-11B GTP-binding protein YPT3
Function	The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different set of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion. That Rab plays a role in endocytic recycling, regulating apical recycling of several transmembrane proteins including cystic fibrosis transmembrane conductance regulator/CFTR, epithelial sodium channel/ENaC, potassium voltage-gated channel, and voltage-dependent L-type calcium channel. May also regulate constitutive and regulated secretion, like insulin granule exocytosis. Required for melanosome transport and release from melanocytes. Also regulates V-ATPase intracellular transport in response to extracellular acidosis.
Cellular Localization	Recycling endosome membrane Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane Cytoplasmic vesicle, phagosome membrane. Recruited to phagosomes containing S.aureus.
Post-translational Modifications	Citrullinated by PADI4.