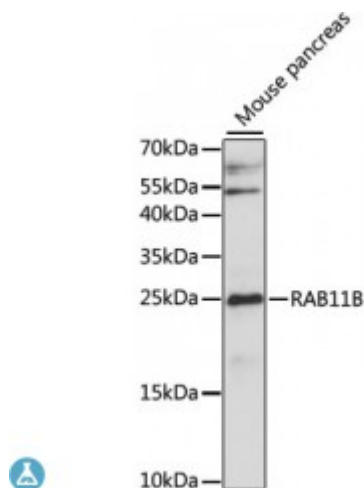


Anti-RAB11B Antibody



Model	STJ117545
Host	Rabbit
Reactivity	Mouse
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 130-215 of human RAB11B (NP_004209.2).
Gene ID	9230
Gene Symbol	RAB11B
Dilution range	WB 1:200 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Ras-related protein Rab-11B GTP-binding protein YPT3
Molecular Weight	24.489 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:9761 OMIM:604198 Reactome:R-HSA-8854214
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,
Post-translational Modifications	Citrullinated by PADI4,