

Anti-Rab 11B antibody



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| 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 |

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| 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. |