

Anti-MYO5B antibody



Description	Unconjugated Rabbit polyclonal to MYO5B
Model	STJ191011
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human MYO5B protein.
Immunogen Region	1120-1200aa
Gene ID	4645
Gene Symbol	MYO5B
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	MYO5B Polyclonal Antibody detects endogenous levels of protein.
Purification	MYO5B antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Unconventional myosin-Vb
Molecular Weight	203 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG

Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:7603OMIM:251850
Alternative Names	Unconventional myosin-Vb
Function	May be involved in vesicular trafficking via its association with the CART complex. The CART complex is necessary for efficient transferrin receptor recycling but not for EGFR degradation. Required in a complex with RAB11A and RAB11FIP2 for the transport of NPC1L1 to the plasma membrane. Together with RAB11A participates in CFTR trafficking to the plasma membrane and TF (transferrin) recycling in nonpolarized cells. Together with RAB11A and RAB8A participates in epithelial cell polarization. Together with RAB25 regulates transcytosis.
Cellular Localization	Cytoplasm

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