

Anti-MYO5B / Myosin VB Antibody (C-Terminus)

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS17607

Product Information

Application	WB, IHC-P, E
Primary Accession	Q9ULV0
Predicted	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	213672
Concentration (mg/ml)	0.5 mg/ml

Additional Information

Gene ID	4645
Alias Symbol	MYO5B
Other Names	MYO5B, KIAA1119, Myosin VB, Myosin-Vb, Unconventional myosin-Vb, MYO5B variant protein
Target/Specificity	synthetic peptide corresponding to C-terminal residues of human Myosin-5B(Myosin Vb)
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-MYO5B / Myosin VB Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	MYO5B
Synonyms	KIAA1119
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. Required for proper localization of bile salt export pump ABCB11 at the apical/canalicular plasma membrane of hepatocytes (PubMed: 34816459).

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:P70569}.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.