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

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17607

Specification

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

Application	**WB, IHC-P, E**
Primary Accession	Q9ULV0
Predicted	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**213672**

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

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

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

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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