

MYO5B / Myosin VB Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS12143**Specification**

MYO5B / Myosin VB Antibody (N-Terminus) - Product Information

Application	WB, IHC-P, E
Primary Accession	O9ULV0
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	214kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A E~~N/A

MYO5B / Myosin VB Antibody (N-Terminus) - Additional Information**Gene ID** 4645**Other Names**

Unconventional myosin-Vb, MYO5B, KIAA1119

Target/Specificity

Synthetic peptide corresponding to N-terminal residues of human Myosin-5B (Myosin Vb).

Reconstitution & Storage

+4°C or -20°C, Avoid repeated freezing and thawing.

Precautions

MYO5B / Myosin VB Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

MYO5B / Myosin VB Antibody (N-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:http://www.uniprot.org/citations/34816459"

target="_blank">34816459).

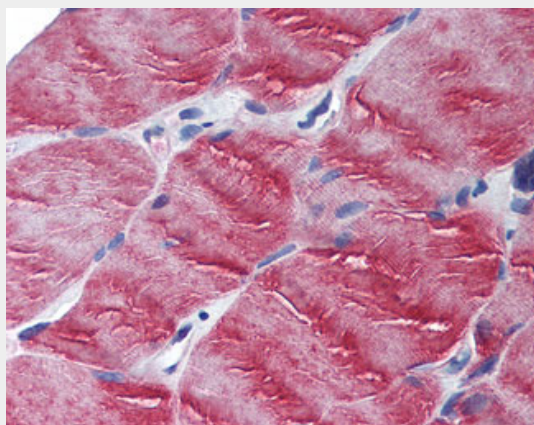
Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:P70569}.

MYO5B / Myosin VB Antibody (N-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 Cytometry](#)
- [Cell Culture](#)

MYO5B / Myosin VB Antibody (N-Terminus) - Images

Anti-MYO5B antibody IHC of human skeletal muscle.

MYO5B / Myosin VB Antibody (N-Terminus) - Background

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MYO5B / Myosin VB Antibody (N-Terminus) - References

Hirosawa M., et al. DNA Res. 6:329-336(1999).
Ohara O., et al. Submitted (APR-2003) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45(2004).
Yamakawa H., et al. Submitted (JAN-2007) to the EMBL/GenBank/DDBJ databases.
Nusbaum C., et al. Nature 437:551-555(2005).