

VPS26B Polyclonal Antibody

Catalog # AP73072

Specification

VPS26B Polyclonal Antibody - Product Information

Application	WB
Primary Accession	O4G0F5
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

VPS26B Polyclonal Antibody - Additional Information

Gene ID 112936

Other Names

VPS26B; Vacuolar protein sorting-associated protein 26B; Vesicle protein sorting 26B

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Storage Conditions

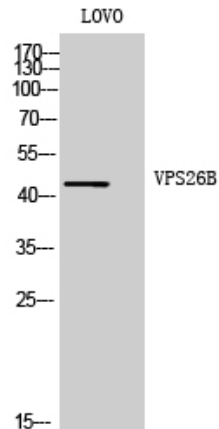
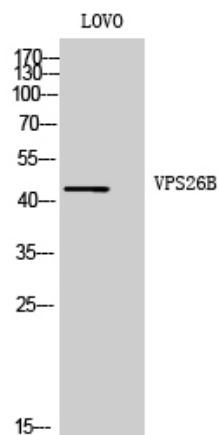
-20°C

VPS26B Polyclonal Antibody - Protein Information

Name VPS26B

Function

Acts as component of the retromer cargo-selective complex (CSC). The CSC is believed to be the core functional component of retromer or respective retromer complex variants acting to prevent missorting of selected transmembrane cargo proteins into the lysosomal degradation pathway. The recruitment of the CSC to the endosomal membrane involves RAB7A and SNX3. The SNX-BAR retromer mediates retrograde



VPS26B Polyclonal Antibody - Background

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transport of cargo proteins from endosomes to the trans-Golgi network (TGN) and is involved in endosome-to-plasma membrane transport for cargo protein recycling. The SNX3-retromer mediates the retrograde transport of WLS distinct from the SNX-BAR retromer pathway. The SNX27-retromer is believed to be involved in endosome-to-plasma membrane trafficking and recycling of a broad spectrum of cargo proteins. The CSC seems to act as recruitment hub for other proteins, such as the WASH complex and TBC1D5. May be involved in retrograde transport of SORT1 but not of IGF2R. Acts redundantly with VSP26A in SNX-27 mediated endocytic recycling of SLC2A1/GLUT1 (By similarity).

Cellular Location

Cytoplasm

{ECO:0000250|UniProtKB:Q8C0E2}.

Membrane; Peripheral membrane protein

{ECO:0000250|UniProtKB:Q8C0E2} Early endosome

{ECO:0000250|UniProtKB:Q8C0E2}. Late endosome

{ECO:0000250|UniProtKB:Q8C0E2}.

Note=Localizes to early and late endosomal structures (By similarity).

{ECO:0000250|UniProtKB:Q8C0E2}

the lysosomal degradation pathway. The recruitment of the CSC to the endosomal membrane involves RAB7A and SNX3. The SNX-BAR retromer mediates retrograde transport of cargo proteins from endosomes to the trans-Golgi network (TGN) and is involved in endosome-to-plasma membrane transport for cargo protein recycling. The SNX3-retromer mediates the retrograde transport of WLS distinct from the SNX-BAR retromer pathway. The SNX27-retromer is believed to be involved in endosome-to-plasma membrane trafficking and recycling of a broad spectrum of cargo proteins. The CSC seems to act as recruitment hub for other proteins, such as the WASH complex and TBC1D5. May be involved in retrograde transport of SORT1 but not of IGF2R. Acts redundantly with VSP26A in SNX-27 mediated endocytic recycling of SLC2A1/GLUT1 (By similarity).

VPS26B Polyclonal Antibody - 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](#)