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## Datasheet for ABIN7120705 **anti-VPS26B antibody**

### Overview

Quantity:	100 µg
Target:	VPS26B
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VPS26B antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

### Product Details

Immunogen:	vacuolar protein sorting 26 homolog B(S. pombe)
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	VPS26B
Alternative Name:	VPS26B ( <a href="#">VPS26B Products</a> )
Background:	Synonyms:Pep8b, Vesicle protein sorting 26B, VPS26B Background: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

## Target Details

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).

Molecular Weight: 39 kDa

Gene ID: 112936

UniProt: [Q4G0F5](#)

Pathways: [Cellular Glucan Metabolic Process](#)

## Application Details

Application Notes: WB: 1:500-1:5000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months