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anti-VPS26B antibody (AA 1-336)

Images



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Quantity:	100 μg	
Target:	VPS26B	
Binding Specificity:	AA 1-336	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This VPS26B antibody is un-conjugated	
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)	

Product Details

Immunogen:	Recombinant Human Vacuolar protein sorting-associated protein 26B protein (1-336AA)	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	
Purification:	>95%, Protein G purified	

Target Details

Target:	VPS26B	
Alternative Name:	VPS26B (VPS26B Products)	
Background:	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 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).

Aliases: Pep8b antibody, Vacuolar protein sorting 26 homolog B (S. pombe) antibody, Vacuolar protein sorting 26 homolog B (yeast) antibody, Vacuolar protein sorting-associated protein 26B antibody, Vesicle protein sorting 26B antibody, VP26B_HUMAN antibody, VPS26B antibody

UniProt: Q4G0F5

Pathways: Cellular Glucan Metabolic Process

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Storage Comment:

Format:

Buffer:

Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative:

ProClin

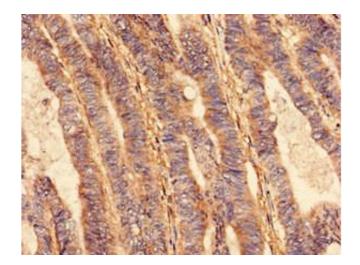
Precaution of Use:

This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage:

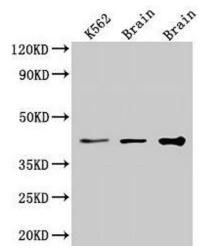
-20 °C,-80 °C

Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



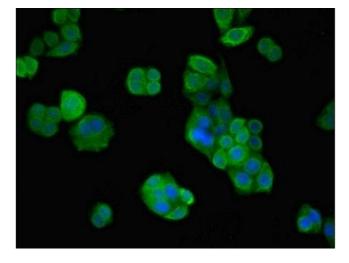
Immunohistochemistry

Image 1. Immunohistochemistry analysis of human colon cancer using ABIN7175296 at dilution of 1:100



Western Blotting

Image 2. Western Blot Positive WB detected in: K562 whole cell lysate, Rat brain tissue, Mouse brain tissue All lanes: VPS26B antibody at $3.4\,\mu\text{g/mL}$ Secondary Goat polyclonal to rabbit lgG at 1/50000 dilution Predicted band size: 40 kDa Observed band size: 40 kDa



Immunofluorescence

Image 3. Immunofluorescent analysis of PC-3 cells using ABIN7175296 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)