

For Research Use Only

VPS26B Polyclonal antibody

Catalog Number: 15915-1-AP **9 Publications**



Basic Information

Catalog Number: 15915-1-AP	GenBank Accession Number: BC009747	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop;	GeneID (NCBI): 112936	Recommended Dilutions: WB 1:1000-1:5000 IHC 1:50-1:500 IF 1:50-1:500
Source: Rabbit	UNIPROT ID: Q4G0F5	
Isotype: IgG	Full Name: vacuolar protein sorting 26 homolog B (S. pombe)	
Immunogen Catalog Number: AG8708	Calculated MW: 336 aa, 39 kDa	
	Observed MW: 39 kDa	

Applications

Tested Applications: WB, IF, IHC, ELISA	Positive Controls: WB : Jurkat cells, human brain tissue, mouse brain tissue, rat brain tissue IHC : mouse brain tissue, IF : HeLa cells,
Cited Applications: WB, IP, IF, ColP	
Species Specificity: human, mouse, rat	
Cited Species: human, rat, mouse	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

In mammals, there are two paralogues of yeast Vps26, VPS26A and VPS26B (PMID: 16190980). VPS26 is a component of the retromer complex composed of VPS26 (VPS26A or VPS26B), VPS29, VPS35, SNX1 and SNX2. VPS26A and VPS26B subunits define distinct retromer complexes (PMID: 21920005). The retromer complex is important in recycling transmembrane receptors from endosomes to the trans-Golgi network (TGN).

Notable Publications

Author	Pubmed ID	Journal	Application
Mary Elizabeth Curtis	32320094	Ann Neurol	WB
Jing Lu	33947971	Cell Death Differ	WB, ColP, IF
Frances C Tilley	29724910	J Cell Sci	WB

Storage

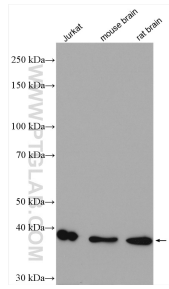
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

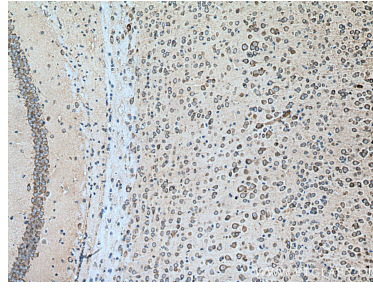
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

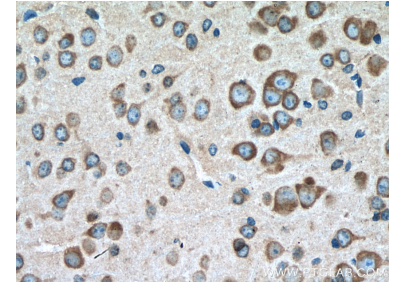
Selected Validation Data



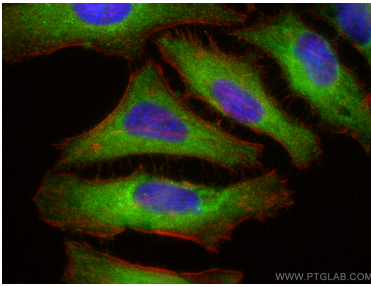
Various lysates were subjected to SDS PAGE followed by western blot with 15915-1-AP (VPS26B antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 15915-1-AP (VPS26B antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 15915-1-AP (VPS26B antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using VPS26B antibody (15915-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).