

For Research Use Only

VPS13B Polyclonal antibody

Catalog Number: 24505-1-AP **3 Publications**



Basic Information

Catalog Number: 24505-1-AP	GenBank Accession Number: BC132978	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 700 µg/ml by Nanodrop and 313 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 157680	Recommended Dilutions: IHC 1:50-1:500 IF 1:10-1:100
Source: Rabbit	Full Name: vacuolar protein sorting 13 homolog B (yeast)	
Isotype: IgG	Calculated MW: 4022 aa, 449 kDa	
Immunogen Catalog Number: AG21368		

Applications

Tested Applications: IF, IHC, ELISA	Positive Controls: IHC : human liver tissue, mouse brain tissue IF : HepG2 cells,
Cited Applications: IF, WB	
Species Specificity: human, mouse	
Cited Species: human, 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

VPS13 (vacuolar protein sorting 13) acts at membrane contact sites between intracellular organelles to transport lipids. There are four VPS13 family members in human - VPS13A, VPS13B, VPS13C and VPS13D. Mutations in human VPS13 genes are linked to rare neurodegenerative disorders: chorea- acanthocytosis (VPS13A), Cohen syndrome (VPS13B), predispose to early onset into Parkinson disease (VPS13C) and lead to ataxia/spastic paraplegia (VPS13D) (PMID: 30656912).

Notable Publications

Author	Pubmed ID	Journal	Application
I-Ling Lu	29950674	Nat Commun	IF
Romain Da Costa	31218450	Cell Mol Life Sci	IF
Berrak Ugur	38187698	bioRxiv	WB

Storage

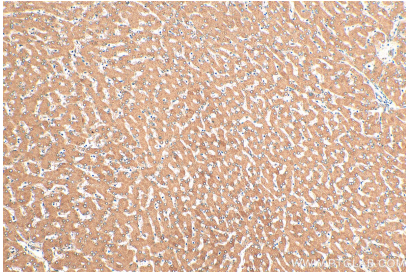
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

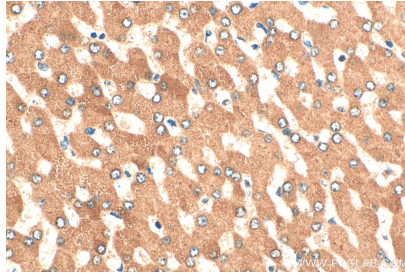
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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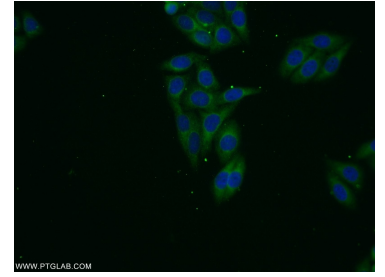
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 24505-1-AP (VPS13B 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 human liver tissue slide using 24505-1-AP (VPS13B antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HepG2 cells using 24505-1-AP (VPS13B antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).