

For Research Use Only

VPS13A Polyclonal antibody

Catalog Number: 28618-1-AP **1 Publications**



Basic Information

Catalog Number: 28618-1-AP	GenBank Accession Number: NM_033305	Purification Method: Antigen affinity purification
Size: 500 µg/ml	GeneID (NCBI): 23230	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q96RL7	
Isotype: IgG	Full Name: vacuolar protein sorting 13 homolog A (S. cerevisiae)	
Immunogen Catalog Number: AG29532	Calculated MW: 360 kDa	
	Observed MW: 360 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : HeLa cells, mouse brain tissue, mouse heart tissue IHC : mouse brain tissue, human kidney tissue
Cited Applications: WB	
Species Specificity: Human, Mouse	
Cited Species: 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
Jitrpa Pinyomahakul	39063018	Int J Mol Sci	WB

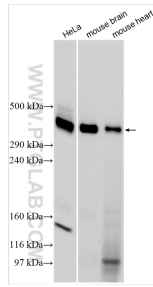
Storage

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

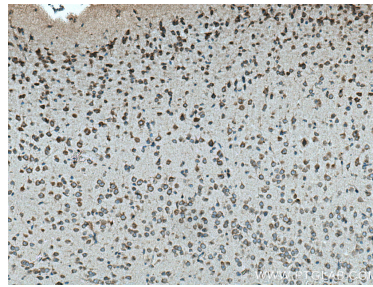
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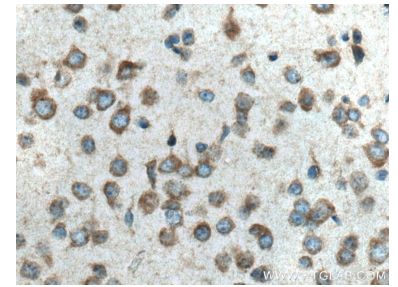
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28618-1-AP (VPS13A antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 28618-1-AP (VPS13A 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 28618-1-AP (VPS13A antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).