

For Research Use Only

VPS13C Polyclonal antibody

Catalog Number: 28676-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number: 28676-1-AP	GenBank Accession Number: NM_001018088	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 850 µg/ml by Nanodrop;	GeneID (NCBI): 54832	Recommended Dilutions: WB 1:2000-1:12000
Source: Rabbit	Full Name: vacuolar protein sorting 13 homolog C (<i>S. cerevisiae</i>)	
Isotype: IgG	Observed MW: 430 kDa	
Immunogen Catalog Number: AG29434		

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, mouse brain tissue, rat brain tissue
Cited Applications: IF, IHC, WB	
Species Specificity: Human, Mouse, Rat	
Cited Species: human, mouse	

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's disease (VPS13C) and lead to ataxia/spastic paraplegia (VPS13D) (PMID: 30656912).

Notable Publications

Author	Pubmed ID	Journal	Application
Shuliang Chen	36147729	Contact (Thousand Oaks)	WB
William Hancock-Cerutti	35657605	J Cell Biol	WB
Xiangyu Tan	37520723	iScience	WB,IHC,IF

Storage

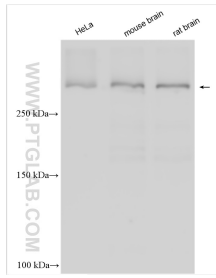
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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 28676-1-AP (VPS13C antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.