

For Research Use Only

VPS13D Polyclonal antibody

Catalog Number: 29387-1-AP



Basic Information

Catalog Number: 29387-1-AP	GenBank Accession Number: NM_015378	Purification Method: Antigen affinity purification
Size: 600 µg/ml	GeneID (NCBI): 55187	Recommended Dilutions: WB 1:500-1:1000 IF 1:50-1:500
Source: Rabbit	UNIPROT ID: Q5THJ4	
Isotype: IgG	Full Name: vacuolar protein sorting 13 homolog D (S. cerevisiae)	
Immunogen Catalog Number: AG29933	Calculated MW: 492 kDa	
	Observed MW: ~500 kDa	

Applications

Tested Applications: IF/ICC, WB, ELISA	Positive Controls:
Species Specificity: Human	WB : HeLa cells, IF : U2OS cells,

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).

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

For technical support and original validation data for this product please contact:

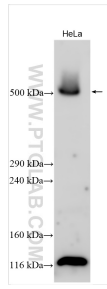
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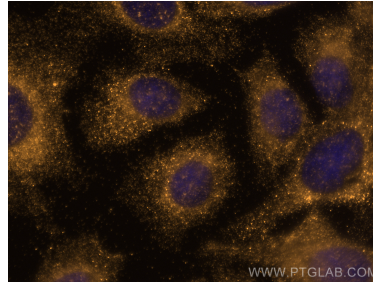
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Selected Validation Data



HeLa cells were subjected to Tris-Acetate gel system followed by western blot with 29387-1-AP (VPS13D antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed U2OS cells using VPS13D antibody (29387-1-AP) at dilution of 1:200 and Cy3-conjugated Affinipure Goat Anti-Rabbit IgG(H+L).