

For Research Use Only

VPS13D Polyclonal antibody, PBS Only

Catalog Number: 29387-1-PBS



Basic Information

Catalog Number: 29387-1-PBS	GenBank Accession Number: NM_015378	Purification Method: Antigen affinity purification
Source: Rabbit	GeneID (NCBI): 55187	
Isotype: IgG	UNIPROT ID: Q5THJ4	
Immunogen Catalog Number: AG29933	Full Name: vacuolar protein sorting 13 homolog D (S. cerevisiae)	
	Calculated MW: 492 kDa	
	Observed MW: ~500 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:
human

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

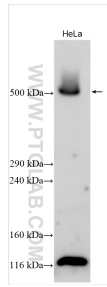
T: 4006900926

E: Proteintech-CN@ptglab.com

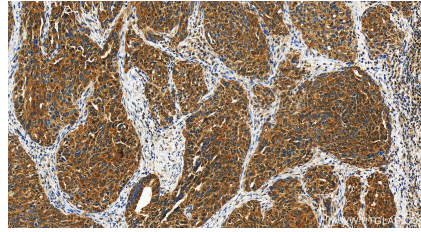
W: ptgcn.com

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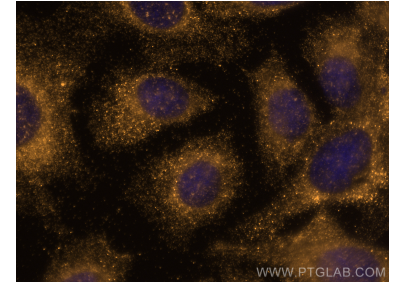
Selected Validation Data



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. This data was developed using the same antibody clone with 29387-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 29387-1-AP (VPS13D antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 29387-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 29387-1-PBS in a different storage buffer formulation.