

For Research Use Only

VPS13C Polyclonal antibody

Catalog Number: 29844-1-AP

1 Publications



Basic Information

Catalog Number:

29844-1-AP

Size:

550 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG31069

GenBank Accession Number:

NM_017684

GeneID (NCBI):

54832

UNIPROT ID:

Q709C8

Full Name:

vacuolar protein sorting 13 homolog C (S. cerevisiae)

Calculated MW:

422 kDa

Observed MW:

422 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

Human, mouse

Cited Species:

human

Positive Controls:

WB : HeLa cells, HepG2 cells, mouse brain tissue

Background Information

VPS13C (vacuolar protein sorting 13 homolog C) 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
Xinbo Wang	38895395	bioRxiv	WB,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

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

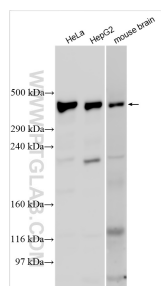
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.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 Tris-acetate gel system followed by western blot with 29844-1-AP (VPS13C antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.