

For Research Use Only

# VPS13C Polyclonal antibody

Catalog Number: 29844-1-AP



## Basic Information

<b>Catalog Number:</b> 29844-1-AP	<b>GenBank Accession Number:</b> NM_017684	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 550 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 54832	<b>Recommended Dilutions:</b> WB 1:1000-1:4000
<b>Source:</b> Rabbit	<b>Full Name:</b> vacuolar protein sorting 13 homolog C (S. cerevisiae)	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 422 kDa	
<b>Immunogen Catalog Number:</b> AG31069	<b>Observed MW:</b> 422 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, HepG2 cells, mouse brain tissue
<b>Species Specificity:</b> Human, mouse	

## Background Information

VPS13 (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).

## Storage

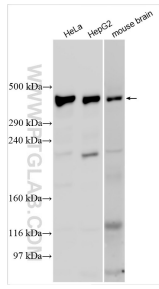
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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 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.