

For Research Use Only

# VPS13C Polyclonal antibody, PBS Only

Catalog Number: 29844-1-PBS



## Basic Information

**Catalog Number:**

29844-1-PBS

**Size:**

100ug, Concentration: 1 mg/ml by Nanodrop;

**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

## Applications

**Tested Applications:**

WB, Indirect ELISA

**Species Specificity:**

human, mouse

## 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).

## Storage

**Storage:**

Store at -80°C.

**Storage Buffer:**

PBS only, pH7.3

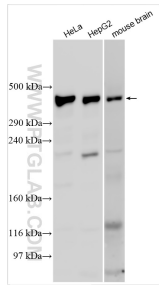
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## Selected Validation Data



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. This data was developed using the same antibody clone with 29844-1-PBS in a different storage buffer formulation.