

For Research Use Only

VPS54 Polyclonal antibody, PBS Only

Catalog Number: 13327-1-PBS

Featured Product



Basic Information

Catalog Number:

13327-1-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4123

GenBank Accession Number:

BC030275

GeneID (NCBI):

51542

UNIPROT ID:

Q9P1Q0

Full Name:

vacuolar protein sorting 54 homolog (S. cerevisiae)

Calculated MW:

977 aa, 111 kDa

Observed MW:

111 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

VPS54 is a part of the Golgi-associated retrograde protein (GARP) complex protein required for tethering and fusion of endosome-derived transport vesicles to the trans-Golgi network. It may participate in retrograde transport from early and late endosomes to the late Golgi. The GARP complex is required for the maintenance of the cycling of mannose 6-phosphate receptors between the TGN and endosomes, this cycling is necessary for proper lysosomal sorting of acid hydrolases such as CTSD.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

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

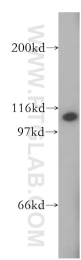
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

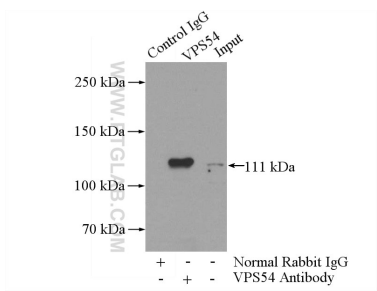
W: ptglab.com

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Selected Validation Data



human brain tissue were subjected to SDS PAGE followed by western blot with 13327-1-AP (VP54 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 13327-1-PBS in a different storage buffer formulation.



IP result of anti-VP54 (IP:13327-1-AP, 4ug; Detection:13327-1-AP 1:300) with mouse brain tissue lysate 4000ug. This data was developed using the same antibody clone with 13327-1-PBS in a different storage buffer formulation.