For Research Use Only

VPS54 Polyclonal antibody, PBS Only

Catalog Number:13327-1-PBS Featured Product

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
13327-1-PBS

Size:
1 mg/ml

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

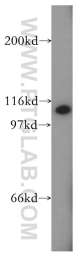
VPS54 is a part of the Golgi-associated retrograde protein (GARP) complex protein required for tethering and fusion of endosome-derived transport vesicles to the trans-Golgi network. It may particpate in retrograde transport from early and late endosomes to the late Golgi. The GARP complex is required 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

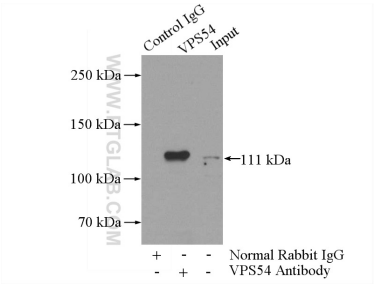
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

Selected Validation Data



human brain tissue were subjected to SDS PAGE followed by western blot with 13327-1-AP (VPS54 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-VPS54 (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.