

For Research Use Only

VPS53 Polyclonal antibody

Catalog Number: 12824-1-AP **1 Publications**



Basic Information

Catalog Number:

12824-1-AP

Size:

300 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3518

GenBank Accession Number:

BC029560

GeneID (NCBI):

55275

UNIPROT ID:

Q5VIR6

Full Name:

vacuolar protein sorting 53 homolog
(S. cerevisiae)

Calculated MW:

832 aa, 94 kDa

Observed MW:

95-97 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

IP, WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human

Positive Controls:

WB: mouse liver tissue, human liver tissue, L02 cells

IP: mouse liver tissue,

Background Information

VPS53 is a component of the Golgi-associated retrograde protein (GARP) complex, also called VFT (VPS fifty-three) complex, composed of VPS51, VPS52, VPS53 and VPS54. GARP complex functions in traffic from endosomes to the trans-Golgi network (PMID: 15878329). GARP proteins interact with RAB proteins and SNARE proteins.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|------------------------|-----------|---------|-------------|
| Pauline E Schneeberger | 34037727 | Brain | WB |

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:

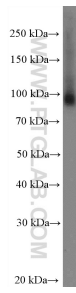
T: 4006900926

E: Proteintech-CN@ptglab.com

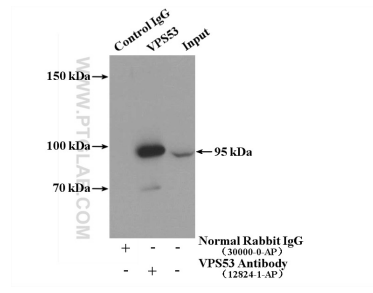
W: ptgcn.com

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Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 12824-1-AP (VP53 Antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



IP result of anti-VPS53 (IP:12824-1-AP, 4ug; Detection:12824-1-AP 1:500) with mouse liver tissue lysate 4000ug.