

For Research Use Only

# VPS4A Polyclonal antibody

Catalog Number: 14272-1-AP

Featured Product

3 Publications



## Basic Information

### Catalog Number:

14272-1-AP

### Size:

150ul, Concentration: 350 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG5592

### GenBank Accession Number:

BC047932

### GeneID (NCBI):

27183

### UNIPROT ID:

Q9UN37

### Full Name:

vacuolar protein sorting 4 homolog A (S. cerevisiae)

### Calculated MW:

49 kDa

### Observed MW:

48-55 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:6000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IF

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse, canine

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : U-937 cells, SMMC-7721 cells, HepG2 cells, mouse brain tissue, rat brain tissue

IHC : human kidney tissue,

## Notable Publications

Author	Pubmed ID	Journal	Application
Francesca De Falco	32447515	Parasitol Res	WB
Debajyoti Das	39520981	Mol Cell	WB,IF
Kunjian Lei	39113807	Theranostics	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

\*\*\* 20ul sizes contain 0.1% BSA

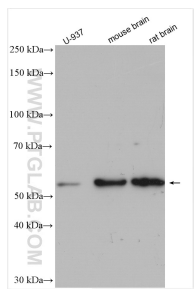
For technical support and original validation data for this product please contact:

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

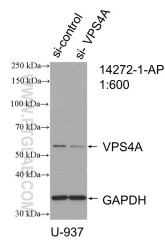
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

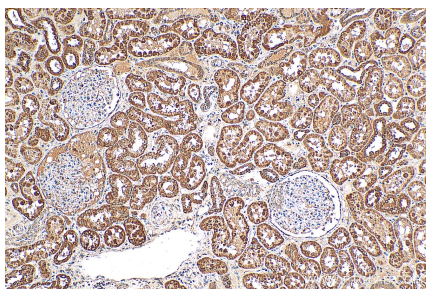
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 14272-1-AP (VPS4A antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



WB result of VPS4A antibody (14272-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-VPS4A transfected U-937 cells.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 14272-1-AP (VPS4A antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).