

For Research Use Only

# VAV2 Polyclonal antibody

Catalog Number: 21924-1-AP

3 Publications



## Basic Information

### Catalog Number:

21924-1-AP

### Size:

150ul, Concentration: 550 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG16458

### GenBank Accession Number:

BC132967

### GeneID (NCBI):

7410

### UNIPROT ID:

P52735

### Full Name:

vav 2 guanine nucleotide exchange factor

### Calculated MW:

839 aa, 97 kDa

### Observed MW:

101 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:5000

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

IHC 1:50-1:500

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB, IF, IP

### Species Specificity:

human, mouse, rat

### Cited Species:

human

**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** : HEK-293 cells, mouse brain tissue, A431 cells, NIH/3T3 cells, HeLa cells, mouse liver tissue, rat liver tissue, SH-SY5Y cells

**IP** : HeLa cells,

**IHC** : human kidney tissue, human pancreas tissue

**IF/ICC** : HeLa cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Zhilin Li	29229683	FASEB J	WB
Rui Ye	38956415	Nat Commun	WB
Yuxiao Luo	38902755	J Nanobiotechnology	WB,IP,IF

## 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

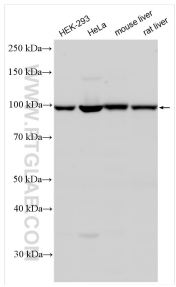
For technical support and original validation data for this product please contact:

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

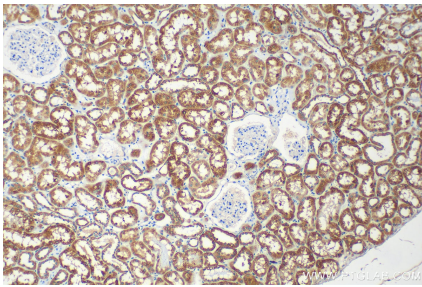
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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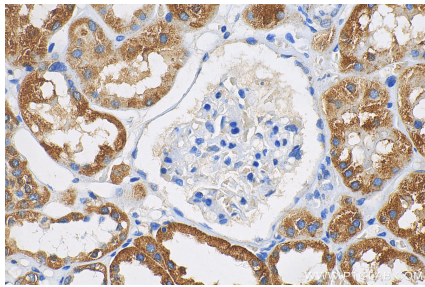
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 21924-1-AP (VAV2 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



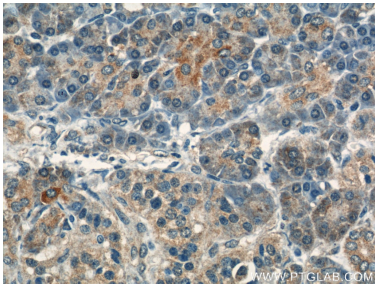
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 21924-1-AP (VAV2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



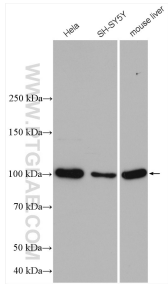
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 21924-1-AP (VAV2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



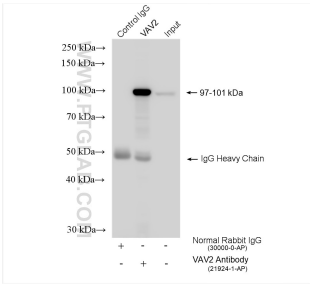
Immunohistochemical analysis of paraffin-embedded human pancreas using 21924-1-AP (VAV2 antibody) at dilution of 1:50 (under 10x lens).



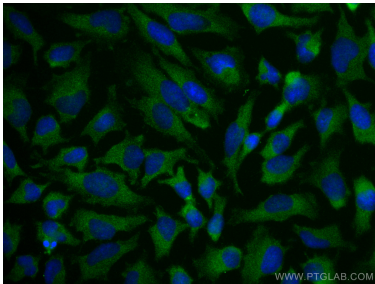
Immunohistochemical analysis of paraffin-embedded human pancreas using 21924-1-AP (VAV2 antibody) at dilution of 1:50 (under 40x lens).



Various lysates were subjected to SDS PAGE followed by western blot with 21924-1-AP (VAV2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP result of anti-VAV2 (IP:21924-1-AP, 4ug; Detection:21924-1-AP 1:2000) with HeLa cells lysate 1520 ug.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using VAV2 antibody (21924-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L).