

For Research Use Only

VAV2 Polyclonal antibody

Catalog Number: 21924-1-AP 1 Publications



Basic Information

Catalog Number:

21924-1-AP

Size:

550 µg/ml

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 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF 1:20-1:200

Applications

Tested Applications:

IF/ICC, IHC, IP, WB, ELISA

Cited Applications:

WB

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: HeLa cells,

Background Information

Notable Publications

| Author | Pubmed ID | Journal | Application |
|-----------|-----------|---------|-------------|
| Zhilin Li | 29229683 | FASEB J | 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:

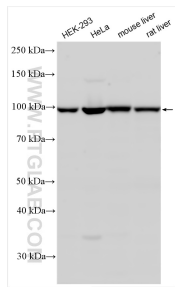
T: 4006900926

E: Proteintech-CN@ptglab.com

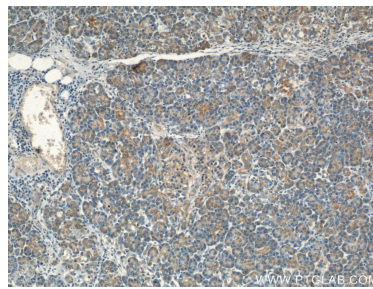
W: ptgcn.com

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

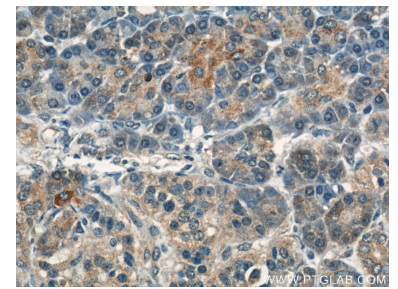
Selected Validation Data



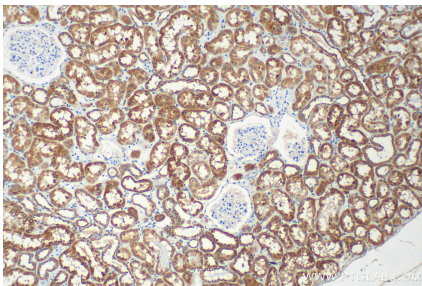
Various lysates were subjected to SDS PAGE followed by western blot with 21924-1-AP (VAV2 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



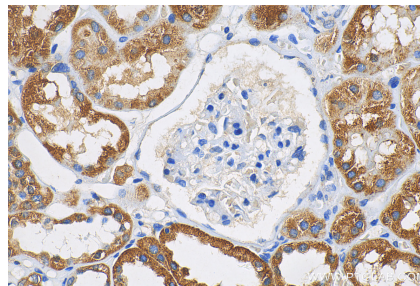
Immunohistochemical analysis of paraffin-embedded human pancreas using 21924-1-AP (VAV2 antibody) at dilution of 1:50 (under 10x lens).



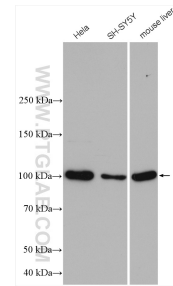
Immunohistochemical analysis of paraffin-embedded human pancreas using 21924-1-AP (VAV2 antibody) at dilution of 1:50 (under 40x lens).



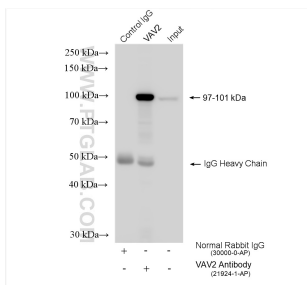
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 21924-1-AP (VAV2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



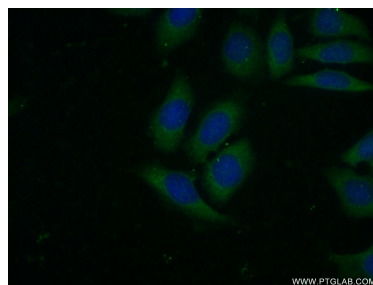
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 21924-1-AP (VAV2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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 Ethanol) fixed HeLa cells using 21924-1-AP (VAV2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).