

For Research Use Only

VAV2 Polyclonal antibody

Catalog Number: 21924-1-AP **1 Publications**



Basic Information

Catalog Number: 21924-1-AP	GenBank Accession Number: BC132967	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7410	Recommended Dilutions: WB 1:1000-1:5000 IP 0.5-4.0 ug for IP and 1:1000-1:4000 for WB
Source: Rabbit	Full Name: vav 2 guanine nucleotide exchange factor	IHC 1:50-1:500 IF 1:20-1:200
Isotype: IgG	Calculated MW: 839 aa, 97 kDa	
Immunogen Catalog Number: AG16458	Observed MW: 101 kDa	

Applications

Tested Applications: IF, IHC, IP, WB, ELISA	Positive Controls:
Cited Applications: WB	WB : HEK-293 cells, mouse brain tissue, A431 cells, NIH/3T3 cells, HeLa cells, mouse liver tissue, rat liver tissue, SH-SY5Y cells
Species Specificity: human, mouse, rat	IP : HeLa cells,
Cited Species: human	IHC : human kidney tissue, human pancreas tissue
Note-IHC: <i>suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</i>	IF : HeLa cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Zhilin Li	29229683	FASEB J	WB

Storage

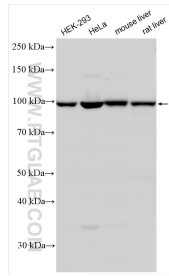
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

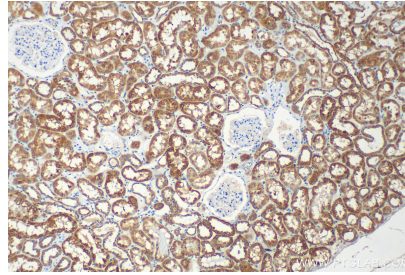
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

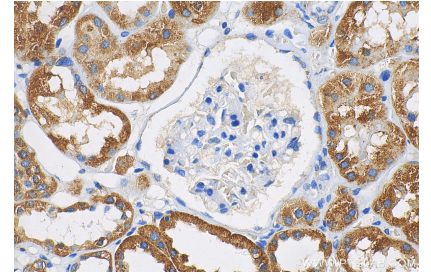
Selected Validation Data



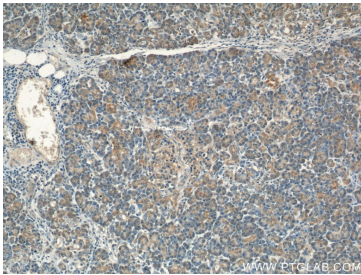
Various lysates were subjected to SDS PAGE followed by western blot with 21924-1-AP (VAV2 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



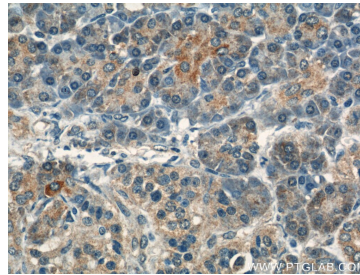
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 21924-1-AP (VAV2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



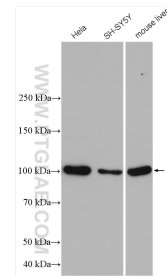
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 21924-1-AP (VAV2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



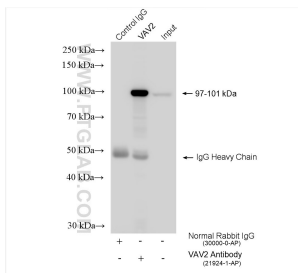
Immunohistochemical analysis of paraffin-embedded human pancreas using 21924-1-AP (VAV2 antibody) at dilution of 1:50 (under 10x lens).



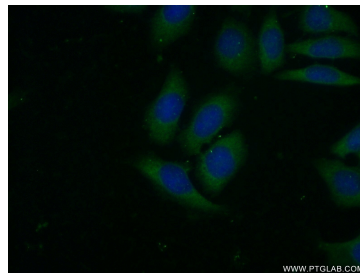
Immunohistochemical analysis of paraffin-embedded human pancreas using 21924-1-AP (VAV2 antibody) at dilution of 1:50 (under 40x lens).



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 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).