

For Research Use Only

VAV3 Polyclonal antibody

Catalog Number:30291-1-AP



Basic Information

Catalog Number: 30291-1-AP	GenBank Accession Number: NM_006113	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop;	GeneID (NCBI): 10451	Recommended Dilutions: WB 1:2000-1:16000 IP 0.5-4.0 ug for IP and 1:2000-1:16000 for WB
Source: Rabbit	Full Name: vav 3 guanine nucleotide exchange factor	
Isotype: IgG	Calculated MW: 98kd	
Immunogen Catalog Number: AG33022	Observed MW: 98 kDa	

Applications

Tested Applications: FC, IP, WB, ELISA	Positive Controls: WB : Jurkat cells, THP-1 cells IP : Jurkat cells,
Species Specificity: Human	

Background Information

Vav3, a member of Dbl family which is also the activator of GTP kinase of Rho family, can activate the expression of RhoA, Rac1 and Cdc42 (PMID:28285969). Vav3 is associated with tumor growth, apoptosis, invasion, metastasis and angiogenesis (PMID:28285969). Vav3 is a multiple function protein with both signaling molecule and coactivator activities. Vav3 oncogene is overexpressed in androgen-independent prostate cancer cells relative to their androgen-dependent counterparts and contribute to development of hormone refractory prostate cancer (PMID:21455584).

Storage

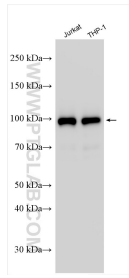
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

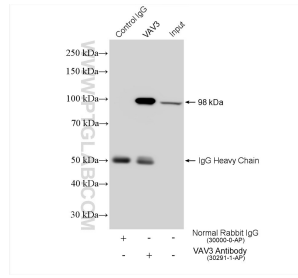
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

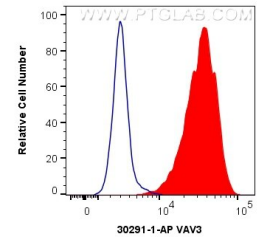
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30291-1-AP (VAV3 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



IP result of anti-VAV3 (IP:30291-1-AP, 4ug; Detection:30291-1-AP 1:8000) with Jurkat cells lysate 1560 ug.



1×10^6 Jurkat cells were intracellularly stained with 0.4 ug Anti-Human VAV3 (30291-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).