

Rabbit anti-Human VAV3 Polyclonal Antibody | anti-VAV3 antibody

Anti-VAV3 Antibody Picoband

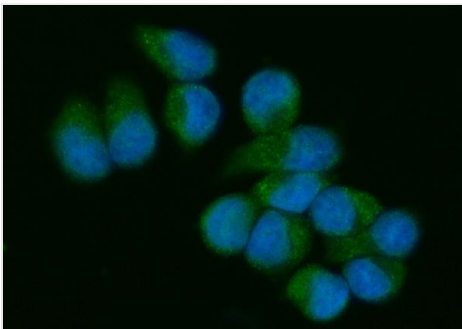
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126290	Rabbit	Human	Western Blot, Immunocytochemistry, Immunofluorescence, ELISA

PRODUCT SYNONYMS

VAV3; Polyclonal Antibody; Anti-VAV3 Antibody Picoband; anti-VAV3 antibody

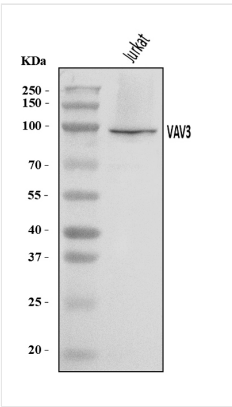
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-VAV3 antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence), ELISA
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human VAV3 recombinant protein (Position: D507-E702).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.



IF (Immunofluorescence)

Figure 2. IF analysis of VAV3 using anti-VAV3 antibody (AAA126290).VAV3 was detected in an immunocytochemical section of T-47D cells. Enzyme antigen retrieval was performed using IHC enzyme antigen retrieval reagent (AR0022) for 15 mins. The cells were blocked with 10% goat serum. And then incubated with 5 ug/mL rabbit anti-VAV3 Antibody (AAA126290) overnight at 4 degree C. DyLight488 Conjugated Goat Anti-Rabbit IgG was used as secondary antibody at 1:100 dilution and incubated for 30 minutes at 37 degree C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.



WB (Western Blot)

Figure 1. Western blot analysis of VAV3 using anti-VAV3 antibody (AAA126290).Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.Lane 1: human Jurkat whole cell lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-VAV3 antigen affinity purified polyclonal antibody (#AAA126290) at 0.5 ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for VAV3 at approximately 98 kDa. The expected band size for VAV3 is at 98 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-VAV3 antibody	Guanine nucleotide exchange factor VAV3 is a protein that in humans is encoded by the VAV3 gene. This gene is a member of the VAV gene family. The VAV proteins are guanine nucleotide exchange factors (GEFs) for Rho family GTPases that activate pathways leading to actin cytoskeletal rearrangements and transcriptional alterations. This gene product acts as a GEF preferentially for RhoG, RhoA, and to a lesser extent, RAC1, and it associates maximally with the nucleotide-free states of these GTPases. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.
Product Categories/Family for anti-VAV3 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	120432042
NCBI GeneID	10451
NCBI Accession #	NP_001073343.1
NCBI GenBank Nucleotide #	NM_001079874.1
UniProt Accession #	Q9UKW4; O60498; O95230; Q9Y5X8; B1AMM0; B1APV5; B4E232; B7ZLR1; E9PQ97
Molecular Weight	97,776 Da
NCBI Official Full Name	guanine nucleotide exchange factor VAV3 isoform 2
NCBI Official Synonym Full Names	vav 3 guanine nucleotide exchange factor
NCBI Official Symbol	VAV3
NCBI Protein Information	guanine nucleotide exchange factor VAV3; VAV-3; vav 3 oncogene
UniProt Protein Name	Guanine nucleotide exchange factor VAV3
UniProt Gene Name	VAV3

UniProt Synonym Gene Names	VAV-3
UniProt Entry Name	VAV3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/vav3-antibody-western-blot-immunocytochemistry-immunofluorescence-elisa/126290>