

Rabbit VAV3 Polyclonal Antibody | anti-VAV3 antibody

VAV3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233130	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

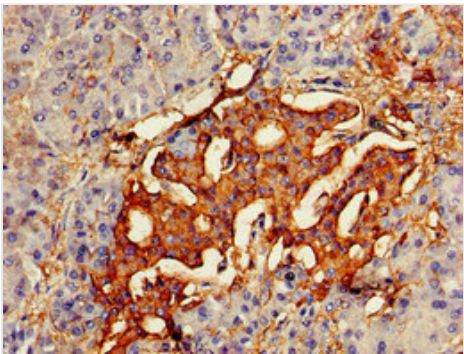
PRODUCT SYNONYMS

VAV3; Polyclonal Antibody; VAV3 Antibody; Guanine nucleotide exchange factor VAV3; VAV-3; anti-VAV3 antibody

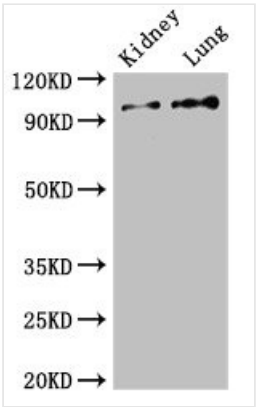
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	287
Applicable Applications for anti-VAV3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Guanine nucleotide exchange factor VAV3 protein (562-674AA)
Immunogen Species	Homo sapiens (Human)
Research Area	Signal Transduction
Target Names	VAV3
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-28474 / sc-28474
Preparation and Storage	Upon receipt store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human pancreatic tissue using AAA233130 at dilution of 1:100



WB (Western Blot)
Western BlotPositive WB detected in: Mouse kidney tissue,Rat lung tissueAll lanes: VAV3 antibody at 2.5ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 98,87,33,101 KDaObserved band size: 98 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-VAV3 antibody	Exchange factor for GTP-binding proteins RhoA, RhoG and, to a lesser extent, Rac1. Binds physically to the nucleotide-free states of those GTPases. Plays an important role in angiogenesis. Its recruitment by phosphorylated EphA2 is critical for EFNA1-induced RAC1 GTPase activation and vascular endothelial cell migration and assembly (By similarity). May be important for integrin-mediated signaling, at least in some cell types. In osteoclasts, along with SYK tyrosine kinase, required for signaling through integrin alpha-v/beta-1 (ITAGV-ITGB1), a crucial event for osteoclast proper cytoskeleton organization and function. This signaling pathway involves RAC1, but not RHO, activation. Necessary for proper wound healing. In the course of wound healing, required for the phagocytotic cup formation preceding macrophage phagocytosis of apoptotic neutrophils. Responsible for integrin beta-2 (ITGB2)-mediated macrophage adhesion and, to a lesser extent, contributes to beta-3 (ITGB3)-mediated adhesion. Does not affect integrin beta-1 (ITGB1)-mediated adhesion (By similarity).
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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	100,828 Da
NCBI Official Full Name	guanine nucleotide exchange factor VAV3 isoform 2
NCBI Official Synonym Full Names	vav guanine nucleotide exchange factor 3
NCBI Official Symbol	VAV3
NCBI Protein Information	guanine nucleotide exchange factor VAV3
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-immunohistochemistry-western-blot-elisa/233130>