

Rabbit anti-Human VAV1 Polyclonal Antibody | anti-VAV1 antibody

VAV1 (Ab-174) Antibody

CATALOG # AAA303875	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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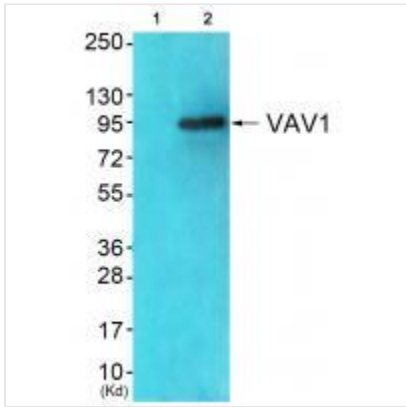
PRODUCT SYNONYMS

VAV1; Polyclonal Antibody; VAV1 (Ab-174) Antibody; Proto-oncogene vav; VAV; anti-VAV1 antibody

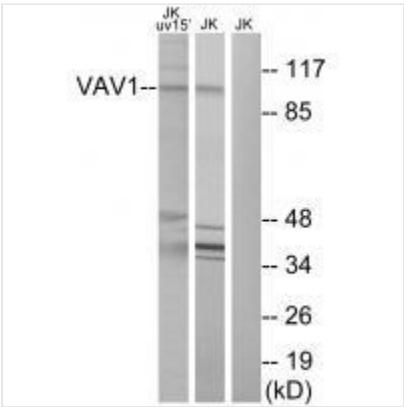
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total VAV1 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	813
Applicable Applications for anti-VAV1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized non-phosphopeptide derived from human VAV1 around the phosphorylation site of tyrosine 174 (E-I-Y-E-D).
Target Name	VAV1
Preparation and Storage	Store at -20 degree C

IMAGES



WB (Western Blot)
Western blot analysis of extracts from JK cells (Lane 2), using VAV1 (Ab-174) antibody. The lane on the left is treated with synthesized peptide.



WB (Western Blot)
Western blot analysis of extracts from Jurkat cells, using VAV1 (Ab-174) antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-VAV1 antibody	Couples tyrosine kinase signals with the activation of the Rho/Rac GTPases, thus leading to cell differentiation and/or proliferation.Ana V. Miletic, J. Biol. Chem., Dec 2006; 281: 38257 - 38265.Christopher C. Stebbins, Mol. Cell. Biol., Sep 2003; 23: 6291 - 6299.Vered Schapira, Cancer Res., Jun 2006; 66: 6183 - 6191.Maya Groysman, J. Biol. Chem., Dec 2002; 277: 50121 - 50130.
Product Categories/Family for anti-VAV1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	384551649
NCBI GeneID	7409
NCBI Accession #	NP_001245136.1
NCBI GenBank Nucleotide #	NM_001258207.1
UniProt Accession #	P15498; Q15860; B4DVK9; M0QXX6
Molecular Weight	94,493 Da
NCBI Official Full Name	proto-oncogene vav isoform 3
NCBI Official Synonym Full Names	vav 1 guanine nucleotide exchange factor
NCBI Official Symbol	VAV1
NCBI Official Synonym Symbols	VAV
NCBI Protein Information	proto-oncogene vav
UniProt Protein Name	Proto-oncogene vav
UniProt Gene Name	VAV1
UniProt Synonym Gene Names	VAV
UniProt Entry Name	VAV_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.