

Rabbit anti-Human Vav2 Polyclonal Antibody | anti-Vav2 antibody

Vav2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322650	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

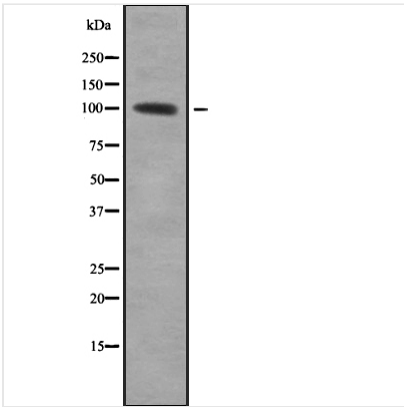
PRODUCT SYNONYMS

Vav2; Polyclonal Antibody; Vav2 Antibody; Guanine nucleotide exchange factor VAV2; Oncogene VAV2; Protein vav 2; VAV 2; Vav 2 oncogene; VAV-2; VAV2; VAV2 oncogene; VAV2_HUMAN; anti-Vav2 antibody

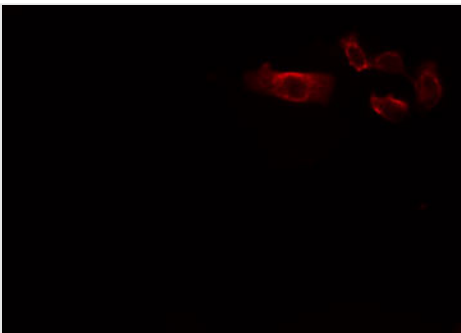
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Vav2 antibody detects endogenous levels of total Vav2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	878
Applicable Applications for anti-Vav2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Vav2
Tissue Specificity	Widely expressed.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of Vav2 using NIH-3T3 whole cell lysates



IF (Immunofluorescence)
AAA322650 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-Vav2 antibody	Function: Guanine nucleotide exchange factor for the Rho family of Ras-related 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). Subunit Structure: Interacts (via SH2 domains) with the phosphorylated form of EPHA2. Interacts with SSX2IP (By similarity). Interacts with NEK3 and PRLR and this interaction is prolactin-dependent. Post-translational Modifications: Phosphorylated on tyrosine residues in response to FGR activation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	197304715
NCBI GeneID	7410
NCBI Accession #	NP_001127870.1
NCBI GenBank Nucleotide #	NM_001134398.1
UniProt Accession #	P52735; Q5SYV3; Q5SYV4; Q5SYV5; Q6N012; Q6PIJ9; Q6Q317; A2RUM4; A8MQ12; B6ZDF5
Molecular Weight	Observed: 101 kDa Predicted: 102 kDa
NCBI Official Full Name	guanine nucleotide exchange factor VAV2 isoform 1
NCBI Official Synonym Full Names	vav guanine nucleotide exchange factor 2
NCBI Official Symbol	VAV2
NCBI Official Synonym Symbols	VAV-2
NCBI Protein Information	guanine nucleotide exchange factor VAV2
UniProt Protein Name	Guanine nucleotide exchange factor VAV2
UniProt Gene Name	VAV2
UniProt Synonym Gene Names	VAV-2

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.