

Rabbit Vav Polyclonal Antibody | anti-Vav antibody

Vav (Phospho-Tyr174) Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA318645	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

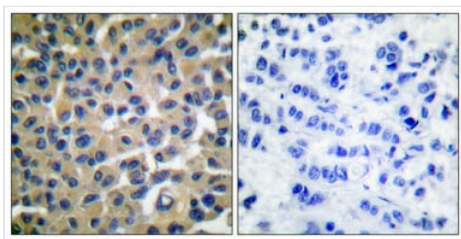
PRODUCT SYNONYMS

Vav; Polyclonal Antibody; Vav (Phospho-Tyr174) Rabbit Polyclonal Antibody; VAV1; VAV; Proto-oncogene vav; BH6842; anti-Vav antibody

PRODUCT SPECIFICATIONS

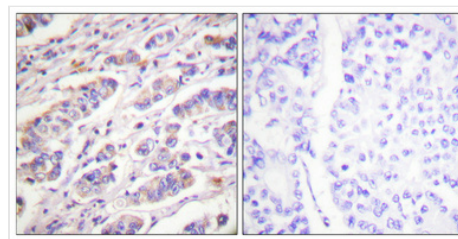
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Phospho-Vav (Y174) Polyclonal Antibody detects endogenous levels of Vav protein only when phosphorylated at Y174.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-Vav antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthesized phospho-peptide around the phosphorylation site of human Vav (phospho Tyr174)
Modification	Phospho Specific
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



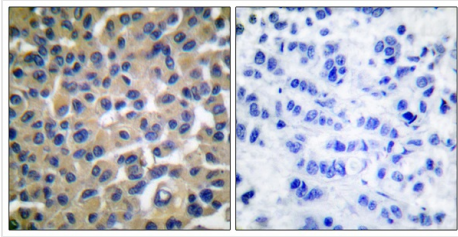
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100 (4 degree overnight). High-pressure and temperature Tris-EDTA, pH 8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100 (4 degree overnight). High-pressure and temperature Tris-EDTA, pH 8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.



IHC (Immunohistochemistry)
 Immunohistochemistry analysis of paraffin-embedded human breast cancer, using VAV1 (Phospho-Tyr174) Antibody. The picture on the right is blocked with the VAV1 (Phospho-Tyr174) peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-Vav antibody	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. The encoded protein is important in hematopoiesis, playing a role in T-cell and B-cell development and activation. The encoded protein has been identified as the specific binding partner of Nef proteins from HIV-1. Coexpression and binding of these partners initiates profound morphological changes, cytoskeletal rearrangements and the JNK/SAPK signaling cascade, leading to increased levels of viral transcription and replication. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Apr 2012]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7108367
NCBI GeneID	7409
NCBI Accession #	NP_005419.2
NCBI GenBank Nucleotide #	NM_005428.3
UniProt Accession #	P15498; Q15860
Molecular Weight	98,314 Da
NCBI Official Full Name	proto-oncogene vav isoform 1
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; vav 1 oncogene
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.