

anti-Human, Mouse VAV2 Antibody | anti-VAV2 antibody

VAV2 (Phospho-Tyr142) Antibody

CATALOG # AAA112138	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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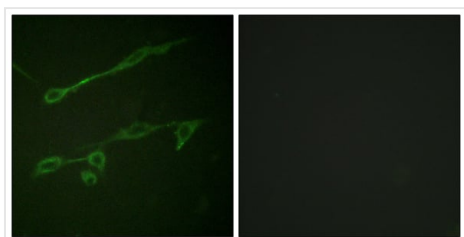
PRODUCT SYNONYMS

VAV2; VAV2 (Phospho-Tyr142) Antibody; Vav-2 protein; anti-VAV2 antibody

PRODUCT SPECIFICATIONS

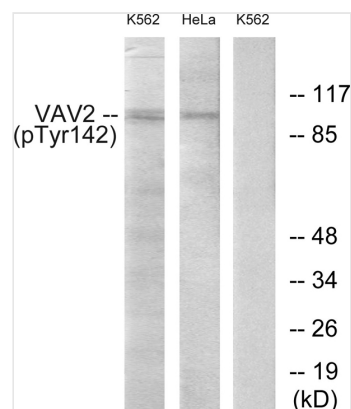
Reactivity	Human, Mouse
Specificity	VAV2 (Phospho-Tyr142) antibody detects endogenous levels of VAV2 only when phosphorylated at tyrosine 142.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	878
Applicable Applications for anti-VAV2 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human VAV2 around the phosphorylation site of tyrosine 142 (D-V-YP-R-S).
All Sites	Human: Ser142 Mouse: Ser142
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



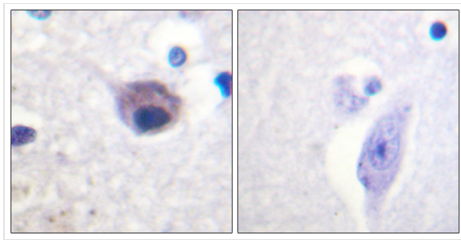
IF (Immunofluorescence)

P-peptide-+ Immunofluorescence analysis of NIH/3T3 cells, using VAV2 (Phospho-Tyr142) antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using VAV2 (Phospho-Tyr142) antibody. Western blot analysis of extracts from K562 cells and HeLa cells, treated with TNF (200ng/ml, 30mins), using VAV2 (Phospho-Tyr142) antibody.



Application Data
P-peptide+

ADDITIONAL INFORMATION

Product Categories/Family for anti-VAV2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Henske E.P., Ann. Hum. Genet. 59:25-37(1995). Tamas P., J. Biol. Chem. 278:5163-5171(2003). RIKEN structural genomics initiative (RSGI); Submitted (APR-2007) to the PDB data bank.

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	97,032 Da
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/human-mouse-antibody/vav2/112138>