

Rabbit VAV2 Monoclonal Antibody | anti-VAV2 antibody

VAV2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30143	Rabbit	Human, Mouse, Rat	Western Blot, Immunocytochemistry, Immunohistochemistry, Immunoprecipitation

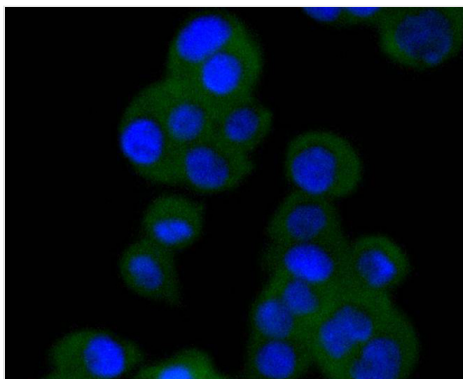
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

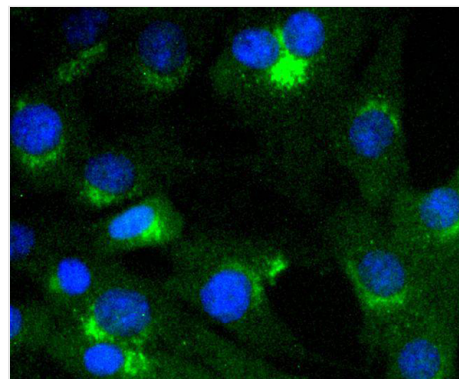
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	SC68-03
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-VAV2 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), IP (Immunoprecipitation)
Application Notes	WB: 1:1000-5000 IHC: 1:50-1:200 ICC: 1:50-1:200
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



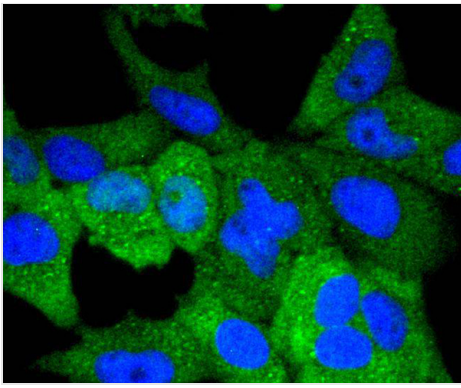
ICC (Immunocytochemistry)

ICC staining VAV2 in SW480 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



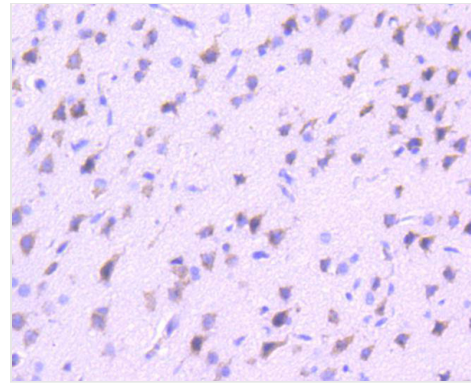
ICC (Immunocytochemistry)

ICC staining VAV2 in NIH/3T3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



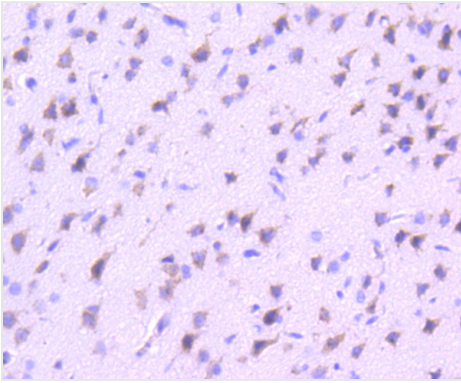
ICC (Immunocytochemistry)

ICC staining VAV2 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



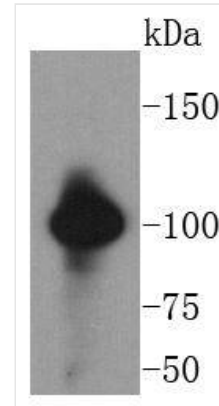
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse colon tissue using anti-VAV2 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-VAV2 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of VAV2 on SW480 cells lysates using anti-VAV2 antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-VAV2 antibody

The Vav gene was originally identified on the basis of its oncogenic activation during the course of gene transfer assays. The major translational product of the Vav proto-oncogene has been identified as a protein containing an array of structural motifs. This protein, known as Vav, Vav1 or p95Vav, contains an N-terminal helix-loop-helix domain and a leucine zipper motif similar to that of Myc family proteins that, if deleted, causes oncogenic activation. In addition, Vav contains an SH2 domain, which could indicate its role as a substrate for tyrosine kinases. Expression of Vav is limited exclusively to cells of hematopoietic origin, including those of the erythroid, lymphoid and myeloid lineages. These results suggest that Vav may represent a new type of signal transduction molecule involved in the transduction of tyrosine phosphorylation signaling into transcriptional events. Vav2 is a member of the Vav family of oncoproteins and acts as a guanosine nucleotide exchange factor (GEF) for RhoG and RhoA-like GTPases in a phosphotyrosine-dependent manner.

Product Categories/Family for anti-VAV2 antibody

Total protein Ab

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	101,289 Da

NCBI Official Full Name	guanine nucleotide exchange factor VAV2 isoform 1
NCBI Official Synonym Full Names	vav 2 guanine nucleotide exchange factor
NCBI Official Symbol	VAV2
NCBI Official Synonym Symbols	VAV-2
NCBI Protein Information	guanine nucleotide exchange factor VAV2; vav 2 oncogene
UniProt Protein Name	Guanine nucleotide exchange factor VAV2
UniProt Gene Name	VAV2
UniProt Synonym Gene Names	VAV-2
UniProt Entry Name	VAV2_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/monoclonal/vav2-antibody-clone-sc68-03-western-blot-immunocytochemistry-immunohistochemistry-immunoprecipitation-elisa/30143>