VAV3 (Phospho-Tyr173) Antibody

Catalog No: #11830

Package Size: #11830-1 50ul #11830-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

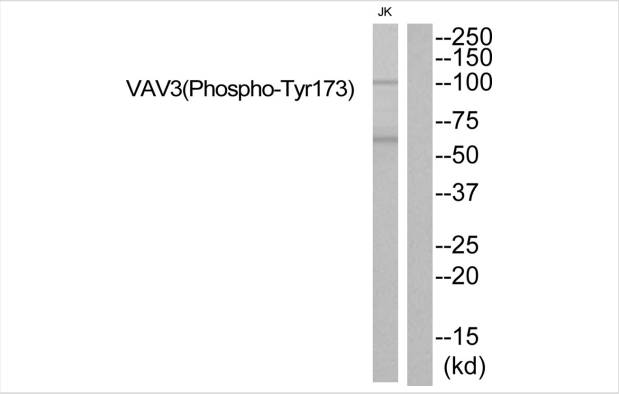
Description

Product Name	VAV3 (Phospho-Tyr173) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of VAV3 only when phosphorylated at tyrosine 173.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 173 (E-V-Y(p)-E-D) derived from Human VAV3.
Target Name	VAV3
Modification	Phospho
Other Names	VAV3; FLJ40431; Guanine nucleotide exchange factor VAV3;
Accession No.	Swiss-Prot#: Q9UKW4; NCBI Gene#: 10451; NCBI Protein#: NP_006104.4.
Uniprot	Q9UKW4
GeneID	10451;
SDS-PAGE MW	100kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from JK cells using VAV3 (Phospho-Tyr173) Antibody #11830.The lane on the right is treated with the antigen-specific peptide.

Background

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. This gene product acts as a GEF preferentially for RhoG, RhoA, and to a lesser extent, RAC1, and it associates maximally with the nucleotide-free states of these GTPases. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

Trenkle T., Nucleic Acids Res. 26:3883-3891(1998).

Movilla N., Mol. Cell. Biol. 19:7870-7885(1999).

Note: This product is for in vitro research use only