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Datasheet for ABIN7138947
anti-VAV3 antibody (pTyr173)

1 Image

Overview

Quantity:	100 µL
Target:	VAV3
Binding Specificity:	pTyr173
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VAV3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Peptide sequence around phosphorylation site of tyrosine 173 (E-V-Y(p)-E-D) derived from Human VAV3.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
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 chromatography using

Target Details

Target:	VAV3
Alternative Name:	VAV3 (VAV3 Products)

Target Details

Background:

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).

Aliases: FLJ40431 antibody, Guanine nucleotide exchange factor VAV3 antibody, Protein vav 3 antibody, Protein vav3 antibody, RGD1565941 antibody, VAV 3 antibody, Vav 3 guanine nucleotide exchange factor antibody, VAV 3 oncogene antibody, VAV 3 protein antibody, VAV-3 antibody, Vav3 antibody, VAV3 oncogene antibody, VAV3 protein antibody, VAV3_HUMAN antibody

UniProt:

[Q9UKW4](#)

Pathways:

[Fc-epsilon Receptor Signaling Pathway](#), [Neurotrophin Signaling Pathway](#)

Application Details

Application Notes:

WB:1:500-1:1000,

Restrictions:

For Research Use only

Handling

Format:

Liquid

Buffer:

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

Preservative:

Sodium azide

Precaution of Use:

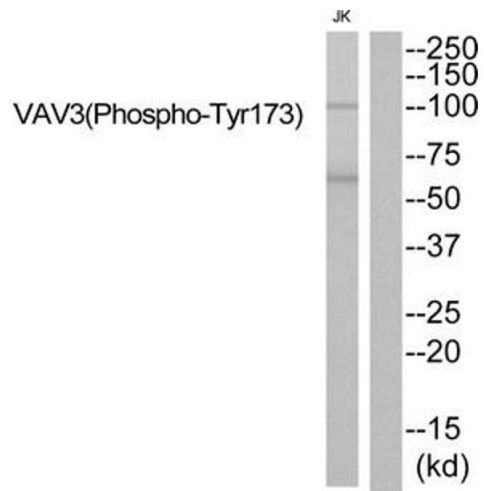
This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage:

-20 °C,-80 °C

Storage Comment:

Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western blot analysis of extracts from JK cells using VAV3 (Phospho-Tyr173) Antibody. The lane on the right is treated with the antigen-specific peptide.