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Datasheet for ABIN7138948
anti-VAV1 antibody (pTyr174)

1 Image

Overview

Quantity:	100 µL
Target:	VAV1
Binding Specificity:	pTyr174
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VAV1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Peptide sequence around phosphorylation site of tyrosine 174 (E-I-Y(p)-E-D) derived from Human Vav.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
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:	VAV1
Alternative Name:	VAV1 (VAV1 Products)

Target Details

Background: Background: Couples tyrosine kinase signals with the activation of the Rho/Rac GTPases, thus leading to cell differentiation and/or proliferation

Amarasinghe GK, et al.

Aliases: Oncogene vav antibody, p95Vav antibody, Proto-oncogene vav antibody, Protooncogene vav antibody, VAV 1 antibody, VAV 1 oncogene antibody, VAV antibody, Vav proto oncogene antibody, VAV_HUMAN antibody, VAV1 antibody

UniProt: [P15498](#)

Pathways: [TCR Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [CXCR4-mediated Signaling Events](#), [BCR Signaling](#)

Application Details

Application Notes: WB:1:500-1:1000,

Restrictions: For Research Use only

Handling

Format: Liquid

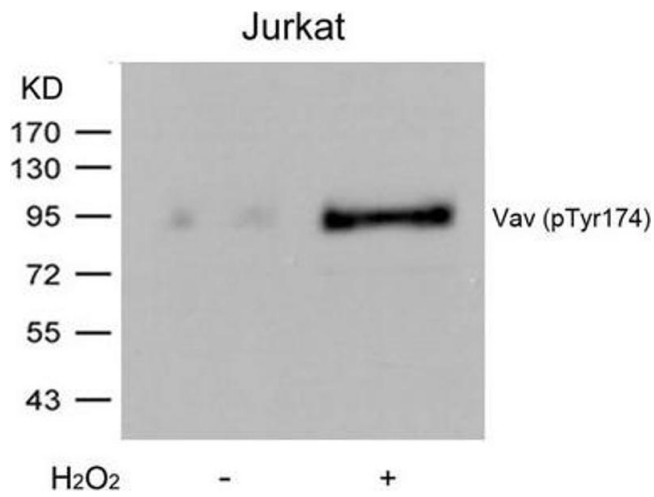
Buffer: Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

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 Jurkat cells untreated or treated with H₂O₂ using Vav(Phospho-Tyr174) Antibody.