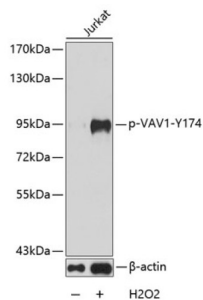


## VAV1 (pY174) Antibody

Catalogue No.: abx000232



Western blot analysis of lysates from Jurkat cells, using Phospho-VAV1-Y174 Antibody. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% BSA.

VAV1 (pY174) Antibody is a Rabbit Polyclonal antibody against VAV1 (pY174). 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. The encoded protein is important in hematopoiesis, playing a role in T-cell and B-cell development and activation. The encoded protein has been identified as the specific binding partner of Nef proteins from HIV-1. Coexpression and binding of these partners initiates profound morphological changes, cytoskeletal rearrangements and the JNK/SAPK signaling cascade, leading to increased levels of viral transcription and replication. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

<b>Target:</b>	VAV1 (pY174)
<b>Clonality:</b>	Polyclonal
<b>Reactivity:</b>	Human, Rat
<b>Tested Applications:</b>	WB
<b>Host:</b>	Rabbit
<b>Recommended dilutions:</b>	WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.
<b>Conjugation:</b>	Unconjugated
<b>Immunogen:</b>	A phospho specific peptide corresponding to residues surrounding Y174 of human VAV1
<b>Isotype:</b>	IgG
<b>Form:</b>	Liquid
<b>Purification:</b>	Purified by affinity chromatography.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	P15498 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )

# Datasheet

Version: 2.0.0  
Revision date: 31 Jan 2025



**Gene Symbol:** VAV1

**GeneID:** [7409](#)

**KEGG:** hsa:7409

**String:** [9606.ENSP00000472929](#)

**Molecular Weight:** Calculated MW: 98 kDa  
Observed MW: 98 kDa

**Buffer:** PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

**Concentration:** > 0.2 mg/ml

**Note:** This product is for research use only.

For Reference Only