

Vav(Phospho-Tyr174) Antibody

Catalog No: #11142

Package Size: #11142-1 50ul #11142-2 100ul #11142-4 25ul

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

Description

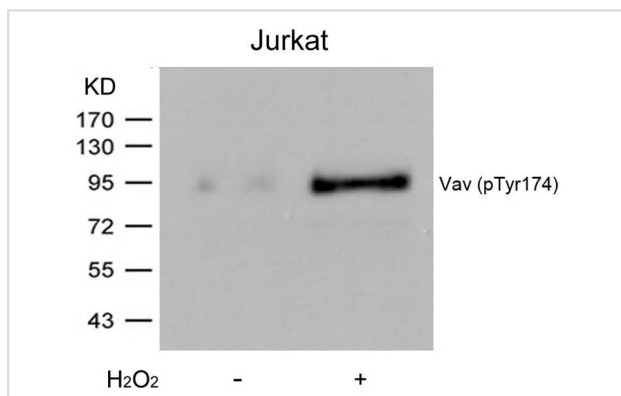
Product Name	Vav(Phospho-Tyr174) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu Rt
Specificity	The antibody detects endogenous level of Vav only when phosphorylated at tyrosine 174.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 174 (E-I-Y(p)-E-D) derived from Human Vav.
Target Name	Vav
Modification	Phospho-Tyr174
Other Names	VAV
Accession No.	Swiss-Prot: P15498NCBI Protein: NP_005419.2
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

Predicted MW: 95kd

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from Jurkat cells untreated or treated with H₂O₂ using Vav(Phospho-Tyr174) Antibody #11142.

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.

Published Papers

Yuichi Sekine, Osamu Ikeda, Satoshi Tsuji et al., Signal-Transducing Adaptor Protein-2 Regulates Stromal Cell-Derived Factor-1 -Induced Chemotaxis in T Cells., The Journal of Immunology, 183(12):7966 -7974(2009)

[PMID:19933863](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.