

## Summary

<b>Production Name</b>	Vav3 Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human,Mouse

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	VAV3
<b>Alternative Names</b>	VAV3; Guanine nucleotide exchange factor VAV3; VAV-3
<b>Gene ID</b>	10451.0
<b>SwissProt ID</b>	Q9UKW4.The antiserum was produced against synthesized peptide derived from human VAV3. AA range:139-188

## Application

<b>Dilution Ratio</b>	WB 1:500-1:2000, ELISA 1:5000.Not yet tested in other applications.
<b>Molecular Weight</b>	98kDa

## Background

**Product Name: Vav3 Rabbit Polyclonal Antibody**  
**Catalog #: AP Rab19745**

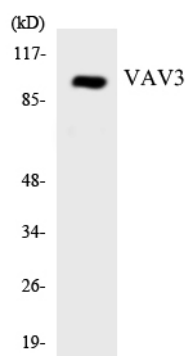


This gene is a member of the VAV gene family. The VAV proteins are guanine nucleotide exchange factors (GEFs) for Rho family GTPases that activate pathways leading to actin cytoskeletal rearrangements and transcriptional alterations. This gene product acts as a GEF preferentially for RhoG, RhoA, and 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. [provided by RefSeq, Jul 2008],function:Exchange factor for GTP-binding proteins RhoA, RhoG and, to a lesser extent, Rac1. Binds physically to the nucleotide-free states of those GTPases.,similarity:Contains 1 CH (calponin-homology) domain.,similarity:Contains 1 DH (DBL-homology) domain.,similarity:Contains 1 PH domain.,similarity:Contains 1 phorbol-ester/DAG-type zinc finger.,similarity:Contains 1 SH2 domain.,similarity:Contains 2 SH3 domains.,subunit:Interacts with the PH domain of APS.,

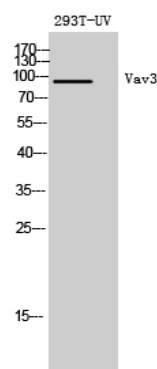
## Research Area

Regulation of Actin Dynamics; AMPK

## Image Data



Western blot analysis of the lysates from HepG2 cells using VAV3 antibody.



Western Blot analysis of 293T-UV cells using Vav3 Polyclonal Antibody diluted at 1: 500. Secondary antibody was diluted at 1:20000

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**Note**

For research use only.