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Datasheet for ABIN7271306  
**anti-VAV3 antibody (AA 560-680)**

3 Images

Overview

Quantity:	100 µL
Target:	VAV3
Binding Specificity:	AA 560-680
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VAV3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	VAV3 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 560-680 of human VAV3 (NP_006104.4).
Sequence:	DNCGRVNSGE QGTLKLPEKR TNGLR RTPKQ VDPGLPKMQV IRNYSGT PPP ALHEGPPLQL QAGDTVELLK GDAHSLFWQG RNLASGEVGF FPSDAVKPCP CVPKPV DYS CQPWYAGAMER L
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

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Target:	VAV3
Alternative Name:	VAV3 ( <a href="#">VAV3 Products</a> )
Background:	<p>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.,VAV3,Cancer,Signal Transduction,G protein signaling,Signal Transduction,Cell Biology &amp; Developmental Biology,Cell Cycle,Cytoskeleton,Actins,Immunology &amp; Inflammation,B Cell Receptor Signaling Pathway,T Cell Receptor Signaling Pathway,VAV3</p>
Molecular Weight:	32kDa/86kDa/97kDa/100kDa
Gene ID:	10451
UniProt:	<a href="#">Q9UKW4</a>
Pathways:	<a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a>

## Application Details

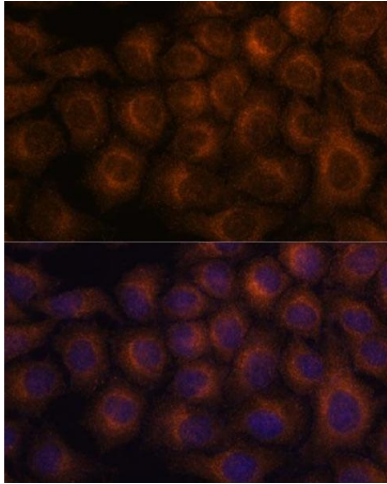
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Application Notes:	WB,1:200 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

## Handling

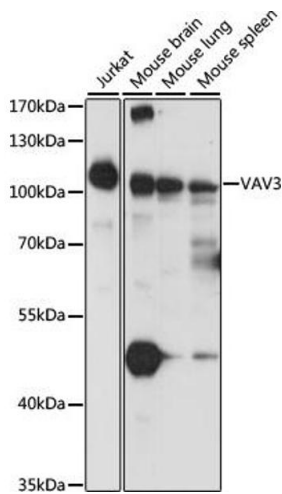
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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



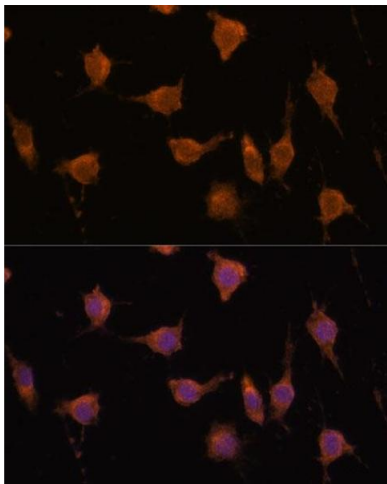
### Immunofluorescence

**Image 1.** Immunofluorescence analysis of HeLa cells using V antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using V antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 2s.



### Immunofluorescence

**Image 3.** Immunofluorescence analysis of L929 cells using V antibody at dilution of 1:100. Blue: DAPI for nuclear staining.