

# VAV3 Rabbit Polyclonal Antibody



CAB15385

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## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

105kDa

### Calculated MW:

32kDa/86kDa/97kDa/100kDa

### Applications:

WB IF

### Reactivity:

Human, Mouse

## Protein Background

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.

## Immunogen information

### Gene ID:

10451

### Uniprot

Q9UKW4

### Synonyms:

VAV3

## Antibody Information

### Recommended dilutions:

WB 1:200 - 1:2000 IF 1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

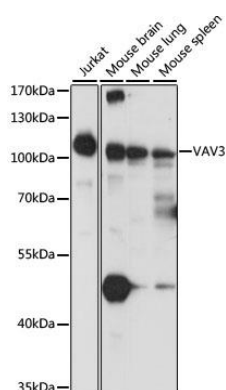
Recombinant fusion protein containing a sequence corresponding to amino acids 560-680 of human VAV3 (NP\_006104.4).

### Storage:

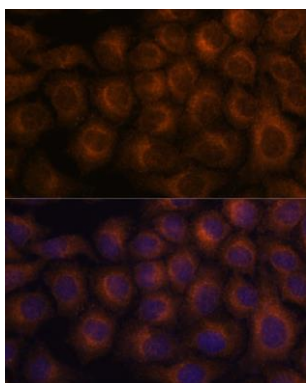
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

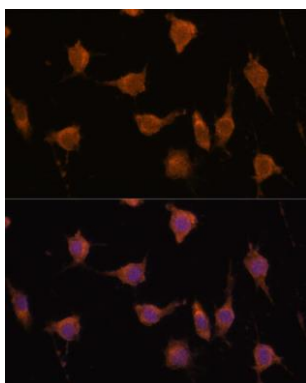
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Western blot analysis of extracts of various cell lines, using VAV3 antibody (CAB15385) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 2s.



Immunofluorescence analysis of HeLa cells using VAV3 antibody (CAB15385) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L929 cells using VAV3 antibody (CAB15385) at dilution of 1:100. Blue: DAPI for nuclear staining.