

# Vav3 (Phospho Tyr173) Rabbit pAb

CatalogNo: YP0839

## Key Features

### Host Species

- Rabbit

### Reactivity

- Human, Mouse

### Applications

- WB, IHC, IF, ELISA

### MW

- 100kD (Observed)

### Isotype

- IgG

## Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

## Recommended Dilution Ratios

**WB 1:500-1:2000**

**IHC 1:100-1:300**

**ELISA 1:40000**

**IF 1:50-200**

## Basic Information

**Clonality** Polyclonal

## Immunogen Information

**Immunogen** Synthesized phospho-peptide around the phosphorylation site of human Vav3 (phospho Tyr173)

**Specificity** Phospho-Vav3 (Y173) Polyclonal Antibody detects endogenous levels of Vav3 protein only when phosphorylated at Y173. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):EVyED

## Target Information

**Gene name** VAV3

**Protein Name** Guanine nucleotide exchange factor VAV3

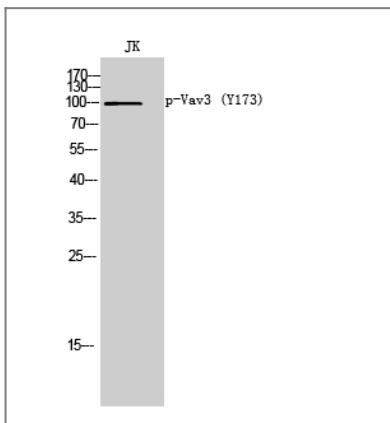
Organism	Gene ID	UniProt ID
Human	<a href="#">10451</a> ;	<a href="#">Q9UKW4</a> ;
Mouse	<a href="#">57257</a> ;	<a href="#">Q9R0C8</a> ;

**Cellular Localization** intracellular,cytosol,plasma membrane,extracellular exosome,

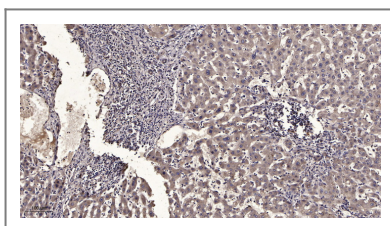
**Tissue specificity** Isoform 1 and isoform 3 are widely expressed; both are expressed at very low levels in skeletal muscle. In keratinocytes, isoform 1 is less abundant than isoform 3. Isoform 3 is detected at very low levels, if any, in adrenal gland, bone marrow, spleen, fetal brain and spinal chord; in these tissues, isoform 1 is readily detectable.

**Function** 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.,

## Validation Data



Western Blot analysis of JK cells using Phospho-Vav3 (Y173) Polyclonal Antibody



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200 (4°C overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 45min).

## | Contact information

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Please scan the QR code to access additional product information:  
**Vav3 (Phospho Tyr173) Rabbit pAb**

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