# Vav3 (phospho Tyr173) rabbit pAb

## Cat#: orb767350 (Manual)

For research use only. Not intended for diagnostic use.

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| **Product Name** | Vav3 (phospho Tyr173) rabbit pAb |
| **Host species** | Rabbit |
| **Applications** | WB;IHC;IF;ELISA |
| **Species Cross-Reactivity** | Human;Mouse |
| **Recommended dilutions** | Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications. |
| **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. |
| **Formulation** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.. |
| **Storage** | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| **Protein Name** | Guanine nucleotide exchange factor VAV3 |
| **Gene Name** | VAV3 |
| **Cellular localization** | intracellular,cytosol,plasma membrane,extracellular exosome, |
| **Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Clonality** | Polyclonal |

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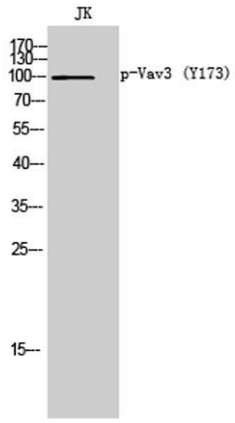
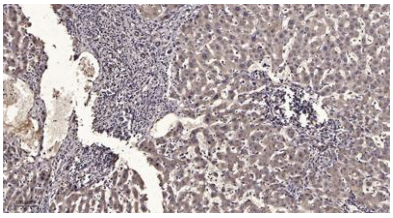
| **Concentration** | 1 mg/ml |
| **Observed band** | 100kD |
| **Human Gene ID** | 10451 |
| **Human Swiss-Prot Number** | Q9UKW4 |
| **Alternative Names** | VAV3; Guanine nucleotide exchange factor VAV3; VAV-3 |
| **Background** | This gene is a member of the VAV gene family. The VAV proteins are guanine 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. [provided by RefSeq, Jul 2008], |




**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° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).**

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