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Anti-Human/Mouse Phospho-VAV3 (Tyr173) Polyclonal Antibody

多克隆抗体

产品货号: PA01846

第三版

**描述:** 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 (Vav Guanine Nucleotide Exchange Factor 3) is a Protein Coding gene. Diseases associated with VAV3 include Glaucoma, Normal Tension. Among its related pathways are p75 NTR receptor-mediated signalling and Mesodermal Commitment Pathway. GO annotations related to this gene include GTPase activator activity and Rho guanyl-nucleotide exchange factor activity. An important paralog of this gene is VAV1.

**抗原:** Synthesized peptide derived from human Vav3 around the phosphorylation site of Tyr173

**配方:**

**如何使用:** 加1ml超纯水重溶

**稳定性:** -20 ° C保存条件下，冻干粉,保质期为五年；液体，保质期为两年。

**稀释液:** PBS (pH7.4) , 1% BSA

**应用:** WB 1 ~ 5 μg/ml.

**特异性:** 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.