

Product name:	Vav3 (phospho Tyr173) Rabbit Polyclonal Antibody
Cat number:	ABN05616
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Synthesized phospho-peptide around the phosphorylation site of human Vav3 (phospho Tyr173)
Reactivity:	Human, Mouse
Applications:	WB 1:500-1:2000, IHC 1:100-1:300, ICC/IF 1:50-1:200, ELISA 1:20000-1:40000
Molecular Weight:	100kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
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], 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.,