



Vav3 (phospho Tyr173) rabbit pAb

Cat No.:ES4475

For research use only

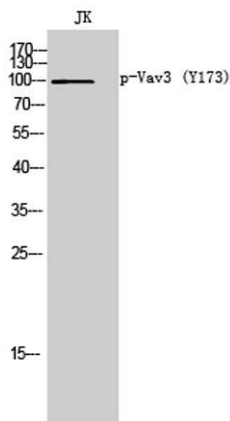
Overview

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
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

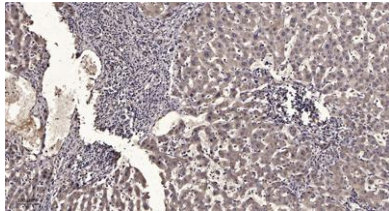




pathways leading to actin cytoskeletal rearrangements and transcriptional alterations. This gene product acts as a GEF preferentially for RhoG, RhoA, and to a lesser extent, RAC1, and it associates maximally with the nucleotide-free states of these GTPases. Alternatively spliced transcript variants encoding 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).

