



VAV1 rabbit pAb

Cat No.:ES3771

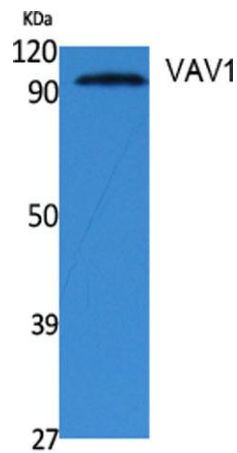
For research use only

Overview

Product Name	VAV1 rabbit pAb
Host species	Rabbit
Applications	WB;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human VAV1. AA range:131-180
Specificity	VAV1 Polyclonal Antibody detects endogenous levels of VAV1 protein.
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	Proto-oncogene vav
Gene Name	VAV1
Cellular localization	intracellular,cytosol,plasma membrane,cell-cell junction,
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	98kD
Human Gene ID	7409
Human Swiss-Prot Number	P15498
Alternative Names	VAV1; VAV; Proto-oncogene vav
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. The encoded protein is important in hematopoiesis,



playing a role in T-cell and B-cell development and activation. The encoded protein has been identified as the specific binding partner of Nef proteins from HIV-1. Coexpression and binding of these partners initiates profound morphological changes, cytoskeletal rearrangements and the JNK/SAPK signaling cascade, leading to increased levels of viral transcription and replication. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Apr 2012],



Western Blot analysis of extracts from NIH-3T3 cells, using VAV1 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

Immunofluorescence analysis of HeLa cells, using VAV1 Antibody. The picture on the right is blocked with the synthesized peptide.

