

Vav1 (phospho Tyr174) Polyclonal Antibody

Cat No: HR1AP8597

For research use only

Overview

Product Name	Vav1 (phospho Tyr174) Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	98kDa
GeneID?Human?	VAV1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	VAV1; VAV; Proto-oncogene vav
Background	vav guanine nucleotide exchange factor 1(VAV1) Homo sapiens 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],