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**Product Name: Vav proteins Rabbit Monoclonal Antibody****Catalog #: AMRe86642**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,FC
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,FC 1:50-1:200
<b>Molecular Weight</b>	Calculated MW:98 kDa; Observed MW:98 kDa

**Antigen Information**

<b>Gene Name</b>	Vav proteins
<b>Alternative Names</b>	VAV
<b>Gene ID</b>	7409
<b>SwissProt ID</b>	P15498
<b>Immunogen</b>	A synthetic peptide of human VAV1

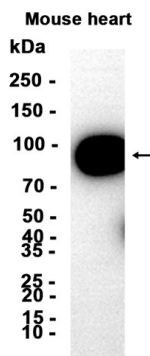
**Background**

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

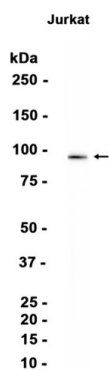
protein is important in hematopoiesis, playing a role in T-cell and B-cell development and activation. The encoded protein has been identified as the specific binding partner of Nef proteins from HIV-1. Coexpression and binding of these partners initiates profound morphological changes, cytoskeletal 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]

## Research Area

## Image Data



Western blot analysis of extracts from Mouse heart tissue using Vav proteins Rabbit Monoclonal Antibody at 1:1000.



Western blot analysis of extracts from Jurkat cells using AMRe86642 at 1:1000.