

VAV1 Monoclonal Antibody

Catalog No	A0770	Category	Primary antibody
Applications	WB	Observed MW	Refer to Figures
Cross-Reactivity	Human	Calculated MW	92kDa

Immunogen Information

Immunogen	Recombinant protein of human VAV1
Gene ID	7409
Swiss Prot	P15498
Synonyms	VAV

Product information

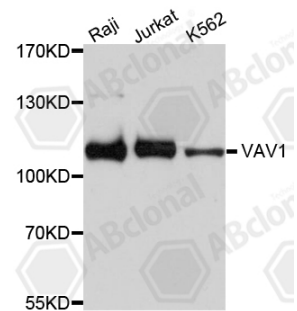
Source	Mouse
Isotype	IgG
Purity	Affinity purification
Storage	Store at 4°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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. 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]

Recommended Dilutions

WB 1:500 - 1:2000



Western blot analysis of extracts of various cell lines, using VAV1 antibody.

Order: service@abclonal.com

Tech: support@abclonal.com

Web: abclonal.com