Anti-VAV1 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R014071

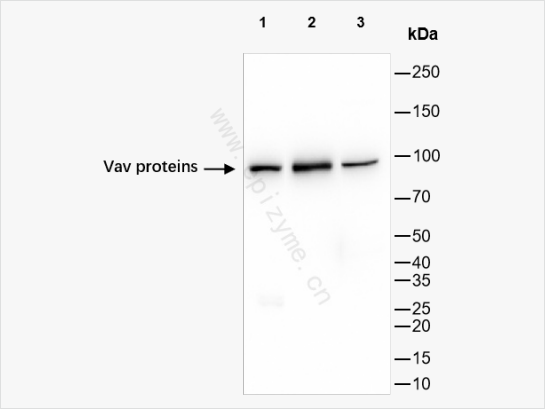
Product Information

Application	WB, ELISA
Reactivity	Mouse, Rat
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	98R69A83
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Vav proteins
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-VAV1 Rabbit mAb [98R69A83] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	2810040F13Rik, A530094I06Rik, AA986410, AI847175, FLJ40431, GDP/GTP exchange factor VAV2, Guanine nucleotide exchange factor VAV2, Guanine nucleotide exchange factor VAV3, MGC27838, Oncogene VAV, Oncogene VAV1, Oncogene VAV2, Oncogene VAV3, p95, p95vav, Protein vav 1, Protein vav 2, Protein vav 3, Proto oncogene vav, RGD1565941, VAV, vav 1 guanine nucleotide exchange factor, Vav 1 oncogene, vav 2 guanine nucleotide exchange factor, Vav 2 oncogene, vav 3 guanine nucleotide exchange factor, Vav 3 oncogene, vav-T, VAV1 oncogene, VAV2 oncogene, VAV3 oncogene.
Calculated MW	Calculated MW: 98 kDa; Observed MW: 98 kDa
Uniprot ID	P15498
Gene ID	7409
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]
Cellular Location	Cytoplasmic and Plasma membrane VAV1, Cytoplasm - VAV2 & VAV3

Validation Images



Western Blot - Anti-Vav proteins Rabbit mAb [98R69A83]
All lanes: R014071 at 1:1,000 dilution
Lane 1: Rat kidney whole tissue lysates
Lane 2: Mouse heart whole tissue lysates
Lane 3: Mouse muscle whole tissue lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 98 kDa
Observed band size: 98 kDa
Developed using the ECL technique (Cat. No. SQ201).