

DNAxPAb

Hard-to-Find
Antibody

VAV1 DNAxPab

Catalog # H00007409-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human VAV1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MIVLPLYSRLDKRFLCLKNIRTFLLSTCCEKFGLKRSELFADFDFVQDFGKVIYTLALSWSWTPIAQN RGIMFPFTEESVGDEDIYSLSDQIDDVVEEDEDLYDCVENEEAEGDEYEDLMRSEPVSMPPK MTEYDKRCCCLREIQQTEEKYDTLGSIQQHFLKPLQRFLKPQDIEIIFINIEDLLRVHTHFLKEMKEA LGTPGAANLYQVFIKYKERFLVYGRYCSQVESASKHLDRVAAAREDVQMKLEECQRANNGRFT LRDLLMVPMQRVLYHLLQELVKHTQEAMEKENLRLALDAMRDLAQCVNEVKRDNETLRQITNF QLSIENLDQSLAHYGRPKIDGELKITSVERRSKMDRYAFLDKALLICKRRGDSYDLKDFVNLHSFQ VRDDSSGDRDNKKWSHMFLIEDQGAQGYELFFKTRELKKKWMEQFEMASNIYPENATANGHD FQMFSFEETTSCKACQMLLRGTFYQGYRCHRCRASAHKECLGRVPPCGRHGQDFPGTMKKDKL HRRAQDKKRNELGLPKMEVFQEYYGLPPPPGAIGPFLRLNPGDMELTKAEAEQNWWEGRNTST NEIGWFPCNRVKPYVHGPPQDLSVHLWYAGPMERAGAESILANRSDGTFLVRQVRKDAAEFAISI KYNVEVKHIKIMTAEGLYRITEKKAFRGLTELVEFYQQNSLKDCFKSLDTTLQFPFKEPEKRTISRPA VGSTKYFGTAKARYDFCARDRSELSLKEGDIKILNKKGQQGWWRGYGRVGVWFPANYVEEDYS EYC
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — VAV1

Entrez GeneID [7409](#)

GeneBank Accession# [BC013361.2](#)

Protein Accession# [AAH13361.2](#)

Gene Name VAV1

Gene Alias VAV

Gene Description vav 1 guanine nucleotide exchange factor

Omim ID [164875](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this proto-oncogene is a member of the Dbl family of guanine nucleotide exchange factors (GEF) for the Rho family of GTP binding proteins. The protein is important in hematopoiesis, playing a role in T-cell and B-cell development and activation. This particular GEF 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. [provided by RefSeq]

Other Designations oncogene vav|vav 1 oncogene|vav proto-oncogene

Pathway

- [B cell receptor signaling pathway](#)
- [Chemokine signaling pathway](#)
- [Fc epsilon RI signaling pathway](#)
- [Fc gamma R-mediated phagocytosis](#)

- [Focal adhesion](#)
- [Leukocyte transendothelial migration](#)
- [Natural killer cell mediated cytotoxicity](#)
- [Regulation of actin cytoskeleton](#)
- [T cell receptor signaling pathway](#)