

VAV1 (Human) Cell-Based ELISA Kit

Catalog # KA3545

Size 1 Kit

Specification

Product Description	VAV1 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of VAV1 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse, Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — VAV1

Entrez GeneID	7409
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](#)