



VAV1, ID (VAV1, VAV, Proto-oncogene vav) (AP)

Catalog number

043725-AP

Supplier

United States Biological

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.

Applications

Suitable for use in Western Blot, ELISA

Recommended Dilution

ELISA: 1:1,000

Western Blot: 1:100-500

Storage and Stability

Store product at 4°C. DO NOT FREEZE! Stable at 4°C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.

Note

Applications are based on unconjugated antibody.

Immunogen

VAV1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 436-466 amino acids from the Central region of human VAV1.

Formulation

Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).

Purity

Purified by Protein A affinity chromatography.

Specificity

Human

Product Type

Pab

Source

human



Isotype

IgG

Grade

Affinity Purified

Applications

E WB

Crossreactivity

Hu

Storage

4°C Do Not Freeze

Detection Method

AP

Reference

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)
Hollmann, A., et al. Hematol Oncol 28(3):142-150(2010)
Barda-Saad, M., et al. EMBO J. 29(14):2315-2328(2010)
Davila, S., et al. Genes Immun. 11(3):232-238(2010)
Kim, H.S., et al. Immunity 32(2):175-186(2010)