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Datasheet for ABIN7172252

anti-TNIP1 antibody (AA 526-636) (Biotin)

Overview

Quantity:	100 µg
Target:	TNIP1
Binding Specificity:	AA 526-636
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNIP1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human TNFAIP3-interacting protein 1 protein (526-636AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	TNIP1
Alternative Name:	TNIP1 (TNIP1 Products)
Background:	Background: Inhibits NF-kappa-B activation and TNF-induced NF-kappa-B-dependent gene expression by regulating A20/TNFAIP3-mediated deubiquitination of IKBKG, proposed to link

Target Details

A20/TNFAIP3 to ubiquitinated IKBKG. Involved in regulation of EGF-induced ERK1/ERK2 signaling pathway, blocks MAPK3/MAPK1 nuclear translocation and MAPK1-dependent transcription. Increases cell surface CD4(T4) antigen expression. Involved in the anti-inflammatory response of macrophages and positively regulates TLR-induced activation of CEBPB. Involved in the prevention of autoimmunity, this function implicates binding to polyubiquitin. Involved in leukocyte integrin activation during inflammation, this function is mediated by association with SELPLG and dependent on phosphorylation by SRC-family kinases. Interacts with HIV-1 matrix protein and is packaged into virions and overexpression can inhibit viral replication. May regulate matrix nuclear localization, both nuclear import of PIC (Preintegration complex) and export of GAG polyprotein and viral genomic RNA during virion production. In case of infection, promotes association of IKBKG with Shigella flexneri E3 ubiquitin-protein ligase ipah9.8 p which in turn promotes polyubiquitination of IKBKG leading to its proteasome-dependent degradation and thus is perturbing NF-kappa-B activation during bacterial infection.

Aliases: ABIN 1 antibody, HIV-1 Nef-interacting protein antibody, hVAN antibody, KIAA0113 antibody, Naf1 antibody, Nef-associated factor 1 antibody, Nip40-1 antibody, TNFAIP3 interacting protein 1 antibody, TNFAIP3-interacting protein 1 antibody, TNIP-1 antibody, Tnip1 antibody, TNIP1_HUMAN antibody, VAN antibody, Virion-associated nuclear shuttling protein antibody

UniProt: [Q15025](#)

Pathways: [Activation of Innate immune Response](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.