

Rabbit anti-Human, Rat TNIP1 Polyclonal Antibody | anti-TNIP1 antibody

TNIP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234453	Rabbit	Human, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

TNIP1; Polyclonal Antibody; TNIP1 Antibody; TNFAIP3-interacting protein 1; A20-binding inhibitor of NF-kappa-B activation 1; ABIN-1; HIV-1 Nef-interacting protein; Nef-associated factor 1; Naf1; Nip40-1; Virion-associated nuclear shuttling protein; VAN; hVAN; KIAA0113; NAF1; anti-TNIP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	619
Applicable Applications for anti-TNIP1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human TNFAIP3-interacting protein 1 protein (526-636AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



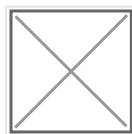
IHC (Immunohistochemistry)

Immunofluorescence staining of HeLa cells with AAA234453 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234453 diluted at 1:300 and staining in paraffin-embedded human skeletal muscle tissue performed on a Leica BondTM system.



WB (Western Blot)

Western Blot Positive WB detected in: Rat kidney tissue All lanes: TNIP1 antibody at 7ug/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 72, 67, 65, 63, 62 KDa Observed band size: 72 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-TNIP1 antibody	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 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.
Product Categories/Family for anti-TNIP1 antibody	Immunology; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	356874786
NCBI GeneID	10318
NCBI Accession #	NP_001239314.1
NCBI GenBank Nucleotide #	NM_001252385.1
UniProt Accession #	Q15025; A4F1W8; A4F1W9; A4F1X2; A4F1X4; A4F1X5; A4F1X6; A4F1X7; A4F1X9; B7Z699; E7EPY1; E7ET96
Molecular Weight	62,103 Da
NCBI Official Full Name	TNFAIP3-interacting protein 1 isoform 1
NCBI Official Synonym Full Names	TNFAIP3 interacting protein 1
NCBI Official Symbol	TNIP1
NCBI Official Synonym Symbols	VAN; NAF1; ABIN-1; nip40-1
NCBI Protein Information	TNFAIP3-interacting protein 1
UniProt Protein Name	TNFAIP3-interacting protein 1
UniProt Gene Name	TNIP1
UniProt Synonym Gene Names	KIAA0113; NAF1; ABIN-1; Naf1; VAN; hVAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.