antibodies - online.com







anti-TNIP1 antibody (AA 526-636)



Images



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Quantity:	100 μg	
Target:	TNIP1	
Binding Specificity:	AA 526-636	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This TNIP1 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)	

Product Details

Immunogen:	Recombinant Human TNFAIP3-interacting protein 1 protein (526-636AA)
Isotype:	IgG
Cross-Reactivity:	Human, Rat
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

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:	Recommended dilution: WB:1:500-1:5000, IHC:1:200-1:500, IF:1:50-1:200,
Restrictions:	For Research Use only

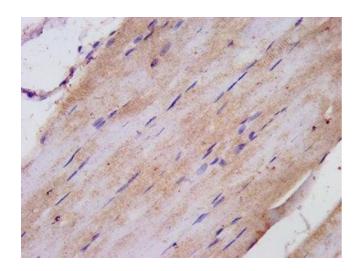
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage:	-20 °C80 °C
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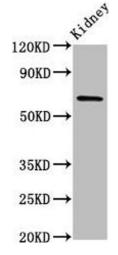
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



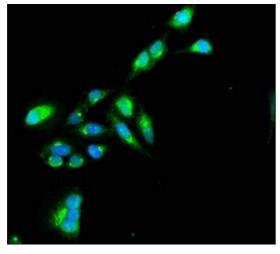
Immunohistochemistry

Image 1. IHC image of ABIN7172251 diluted at 1:300 and staining in paraffin-embedded human skeletal muscle tissue performed on a Leica BondTM system.



Western Blotting

Image 2. Western Blot Positive WB detected in: Rat kidney tissue All lanes: TNIP1 antibody at $7 \mu g/mL$ Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 72, 67, 65, 63, 62 kDa Observed band size: 72 kDa



Immunofluorescence

Image 3. Immunofluorescence staining of Hela cells with ABIN7172251 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°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).