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Datasheet for ABIN6262427 anti-TANK antibody (Internal Region)

2 Images



Overview

Quantity:	100 µL
Target:	TANK
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TANK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide derived from human I-TRAF, corresponding to a region within the internal amino acids.
Isotype:	lgG
Specificity:	I-TRAF Antibody detects endogenous levels of total I-TRAF.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:

TANK

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Background: Description: Adapter protein involved in Hkappa-B-kinase (iKK) regulation which constitutively binds TBK1 and iKEK playing a role in antiviral innate immunity. Acts as a regulator of TRAF function by maintaining them in a latent state. Blocks TRAF2 binding to LMP1 and inhibits LMP1-mediated NF-kappa-B activation. Negatively regulates NF-kappaB signaling and cell survival upon DNA damage (PubMed25861989). Plays a role as an adapter to assemble ZC3H12A, USP10 in a deubiquitination complex which plays a negative feedback response to attenuate NF-kappaB activation through the deubiquitination of IKBKG or TRAF6 in response to Interlexin-1-beta (ILIB) stimulation or upon DNA damage (PubMed25861989). Promotes UBP10-induced deubiquitination of TRAF6 in response to DNA damage (PubMed25861989). May control negatively TRAF2 mediated NF-kappa B activation signaled by CD40, TNFR1 and TNFR2. Gene: TANK delecular Weight: 47 kDa asen ID: 10010 jniProt: 092844 Pathways: p53 Signaling, TLR Signaling, Activation of Innate Immune Response Application Details WB 1.500-1:2000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000 Restrictions: For Research Use only Handling Img/mL Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150 rmM NaCl, 0.02 % sodium azide and 50 % giverol. Reservative: Sodium azide: POISCNNOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	Target Details	
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should be handled by trained staff only.	Preservative:	Sodium azide
Storage: -20 °C	Precaution of Use:	
	Storage:	-20 °C

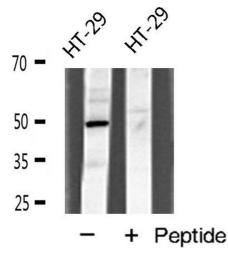
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Images

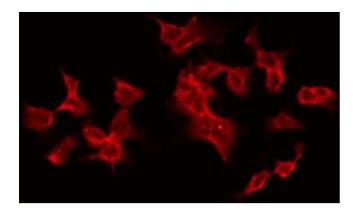


12 months

Western Blotting

Image 1. Western blot analysis of I-TRAF expression in HT-

29 cells



Immunofluorescence (fixed cells)

Image 2. ABIN6268846 staining HT29 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

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