



Datasheet for ABIN500869
anti-TANK antibody (N-Term)



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2 Images

Overview

Quantity:	0.1 mg
Target:	TANK
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TANK antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	TANK antibody was raised against a 14 amino acid peptide from near the amino terminus of human TANK.
Isotype:	IgG
Specificity:	This antibody detects TANK / ITRAF at N-term.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Peptide affinity chromatography

Target Details

Target:	TANK
Alternative Name:	TANK / ITRAF (TANK Products)

Target Details

Background: TANK was initially identified as a novel TRAF-interacting protein that regulated TRAF-mediated signal transduction. Specifically, ligand binding by surface receptors in the tumor necrosis factor (TNF) receptor and Toll/interleukin-1 (IL-1) receptor families lead to the formation of a TRAF/TANK complex that mediates the activation of the transcription factor NF-kappaB. This activation of NF-kappaB occurs through an association with the kinases IKKepsilon and TBK1. More recently, it was shown that these proteins can then form a complex with NEMO, a protein that regulates the activity of the IkappaB complex. This suggests that in addition to the possibility that TBK1 and IKKepsilon activate the IKKs, the association with the IKK complex may help these kinases modulate other functions, such as the transactivation potential of NF-kappaB proteins. At least two isoforms of TANK are known to exist. Synonyms: I-TRAF, TRAF family member-associated NF-kappa-B activator, TRAF-interacting protein, TRAF2

Gene ID: 10010

NCBI Accession: [NP_004171](#)

Pathways: [p53 Signaling](#), [TLR Signaling](#), [Activation of Innate immune Response](#)

Application Details

Application Notes: ELISA. Western blot: 0.5 - 1 µg/mL. Immunofluorescence.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Buffer: PBS containing 0.02 % sodium azide

Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

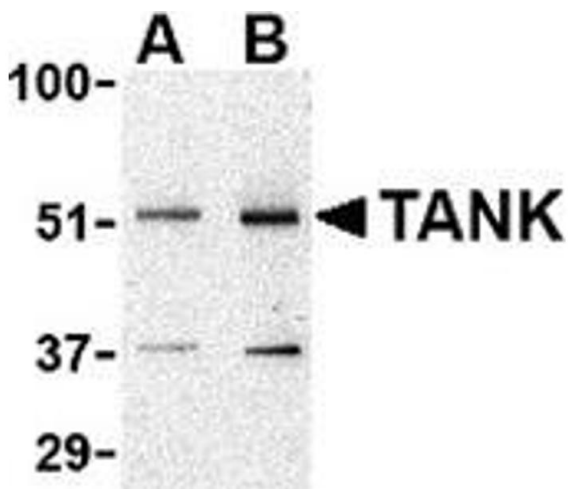
Storage: 4 °C/-20 °C

Storage Comment: Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



Immunofluorescence

Image 1. Immunocytochemistry of TANK in Daudi cells with this product at 2.5 $\mu\text{g/ml}$.



Western Blotting

Image 2. Western blot analysis of TANK in Daudi cell lysate with this product at (A) 0.5 and (B) 1 $\mu\text{g/ml}$.