

Datasheet for ABIN6990660
anti-TANK antibody (N-Term)



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Overview

Quantity:	0.1 mg
Target:	TANK
Binding Specificity:	AA 60-110, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TANK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC)

Product Details

Immunogen:	TANK antibody was raised against a 14 amino acid synthetic peptide from near the amino terminus of human TANK. The immunogen is located within amino acids 60 - 110 of TANK.
Isotype:	IgG
Purification:	TANK Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	TANK
Alternative Name:	TANK (TANK Products)
Background:	TANK Antibody: 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

Target Details

formation of a TRAF/TANK complex that mediates the activation of the transcription factor NF- κ B. This activation of NF- κ B occurs through an association with the kinases IKK ϵ , 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 I κ B complex. This suggests that in addition to the possibility that TBK1 and IKK ϵ activate the IKKs, the association with the IKK complex may help these kinases modulate other functions, such as the transactivation potential of NF- κ B proteins. At least two isoforms of TANK are known to exist.

Gene ID:	10010
NCBI Accession:	NP_004171
UniProt:	Q92844
Pathways:	p53 Signaling , TLR Signaling , Activation of Innate immune Response

Application Details

Application Notes:	TANK antibody can be used for the detection of TANK by Western blot at 0.5 - 1 μ g/mL. Antibody can also be used for immunocytochemistry starting at 2.5 μ g/mL. Antibody validated: Western Blot in human samples and Immunocytochemistry in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	TANK Antibody is supplied in 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.
Storage:	-20 °C, 4 °C
Storage Comment:	TANK antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.