Datasheet for ABIN6990659

anti-TANK antibody (C-Term)

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Overview

Quantity:	0.1 mg
Target:	TANK
Binding Specificity:	AA 350-400, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TANK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	TANK antibody was raised against a 14 amino acid synthetic peptide from near the carboxy terminus of human TANK. The immunogen is located within amino acids 350 - 400 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

Target Details

	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-κ,B. This activation of NF-κ,B occurs through an association with the kinases IKKε, 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 Iκ,B complex. This suggests that in addition to the possibility that TBK1 and IKKε, 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.
Molecular Weight:	Predicted: 47 kDa Observed: 50 kDa
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 1 - 2 µ,g/mL. Antibody can also be used for immunohistochemistry starting at 10 µ,g/mL. For immunofluorescence start at 20 µ,g/mL. Antibody validated: Western Blot in human samples, Immunohistochemistry in rat samples and Immunofluorescence in rat 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

Handling

	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.