

Datasheet for ABIN2780571  
**anti-TANK antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	TANK
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Rabbit, Horse, Dog, Guinea Pig, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TANK antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TANK
Sequence:	DKNIGEQLNK AYEAFRQACM DRDSAVKELQ QKTENYEQRI REQQEQLSLQ
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 86%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against TANK. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	TANK
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## Target Details

Alternative Name: TANK ([TANK Products](#))

Background: The TRAF (tumor necrosis factor receptor-associated factor) family of proteins associate with and transduce signals from members of the tumor necrosis factor receptor superfamily. TANK is found in the cytoplasm and can bind to TRAF1, TRAF2, or TRAF3, thereby inhibiting TRAF function by sequestering the TRAFs in a latent state in the cytoplasm. For example, TANK can block TRAF2 binding to LMP1, the Epstein-Barr virus transforming protein, and inhibit LMP1-mediated NF-kappa-B activation. The TRAF (tumor necrosis factor receptor-associated factor) family of proteins associate with and transduce signals from members of the tumor necrosis factor receptor superfamily. The protein encoded by this gene is found in the cytoplasm and can bind to TRAF1, TRAF2, or TRAF3, thereby inhibiting TRAF function by sequestering the TRAFs in a latent state in the cytoplasm. For example, the protein encoded by this gene can block TRAF2 binding to LMP1, the Epstein-Barr virus transforming protein, and inhibit LMP1-mediated NF-kappa-B activation. Two transcript variants encoding different isoforms have been found for this gene.

Alias Symbols: I-TRAF, TRAF2

Protein Interaction Partner: CEP63, TP53BP2, SRSF11, UBC, TBK1, BIRC3, BIRC2, INPP5K, ATP6V1H, RACGAP1, TANK, IKBKE, IKBKG, AIMP2, TRAF2, TRAF1, SDC4, PLK1, SMAD3, LAMC1, KPNA2, HLA-C, FBLN1, COPB1, BIK, APP, TRAF3, TAB2, MAP3K14, HERC2, CD40, CBLB, TICAM1, APBA3, MARCH5, ZC3H12A, MA

Protein Size: 425

Molecular Weight: 48 kDa

Gene ID: 10010

NCBI Accession: [NM\\_004180](#), [NP\\_004171](#)

UniProt: [Q92844](#)

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

## Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 425 AA

Restrictions: For Research Use only

## Handling

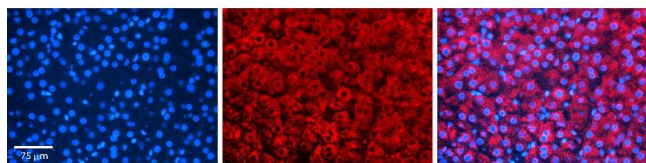
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Images



### Western Blotting

**Image 1.** WB Suggested Anti-TANK Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: 293T cell lysate  
There is BioGPS gene expression data showing that TANK is expressed in HEK293T



### Immunohistochemistry

**Image 2.** Rabbit Anti-TANK Antibody Formalin Fixed Paraffin Embedded Tissue: Human Liver Tissue Observed Staining: Cytoplasm in hepatocytes Primary Antibody Concentration: N/A Other Working Concentrations: 1:600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec