TANK Antibody

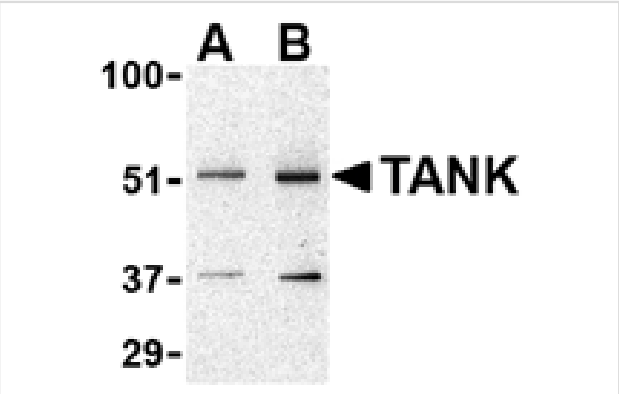
Catalog No: #24438

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

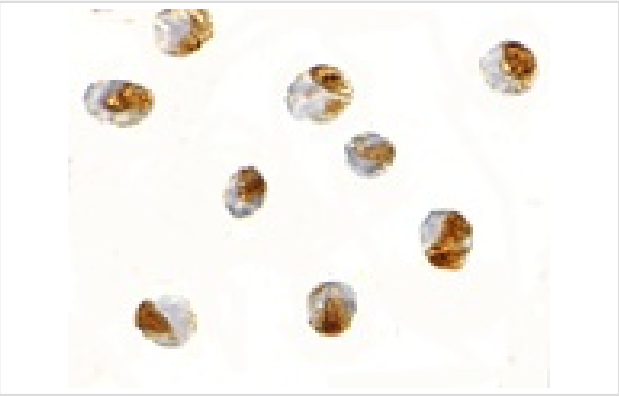
Description

Product Name	TANK Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	E WB ICC
Species Reactivity	Hu
Immunogen Type	Peptide
Immunogen Description	Raised against a 14 amino acid peptide from near the amino terminus of human TANK.
Target Name	TANK
Other Names	TRAF family member-associated NF-kappaB activator, I-TRAF
Accession No.	NP_004171
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for 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.

Images



Western blot analysis of TANK in Daudi cell lysate with TANK antibody at (A) 0.5 and (B) 1 ug/mL.



Immunocytochemistry of TANK in Daudi cells with TANK antibody at 2.5 ug/mL.

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-κB. This activation of NF-κB 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 IκB 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-κB proteins. At least two isoforms of TANK are known to exist.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.