

## TANK Antibody (Center) Blocking peptide

Synthetic peptide Catalog # BP5860c

## **Specification**

## TANK Antibody (Center) Blocking peptide - Product Information

Primary Accession <u>Q92844</u>

Other Accession NP 004171.2, NP 597841.1

## TANK Antibody (Center) Blocking peptide - Additional Information

Gene ID 10010

#### **Other Names**

TRAF family member-associated NF-kappa-B activator, TRAF-interacting protein, I-TRAF, TANK, ITRAF, TRAF2

#### **Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

#### Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

## **Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

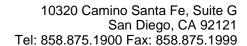
## TANK Antibody (Center) Blocking peptide - Protein Information

**Name TANK** 

**Synonyms ITRAF, TRAF2** 

### **Function**

Adapter protein involved in I-kappa-B-kinase (IKK) regulation which constitutively binds TBK1 and IKBKE playing a role in antiviral innate immunity. Acts as a regulator of TRAF function by maintaining them in a latent state. Blocks TRAF2 binding to LMP1 and inhibits LMP1- mediated NF-kappa-B activation. Negatively regulates NF-kappaB signaling and cell survival upon DNA damage (PubMed:<a href="http://www.uniprot.org/citations/25861989" target="\_blank">25861989</a>). Plays a role as an adapter to assemble ZC3H12A, USP10 in a deubiquitination complex which plays a negative feedback response to attenuate NF-kappaB activation through the deubiquitination of IKBKG or TRAF6 in response to interleukin-1-beta (IL1B) stimulation or upon DNA damage (PubMed:<a href="http://www.uniprot.org/citations/25861989" target="\_blank">25861989</a>). Promotes UBP10-induced deubiquitination of TRAF6 in response to DNA damage (PubMed:<a href="http://www.uniprot.org/citations/25861989" target="\_blank">25861989</a>). May control negatively TRAF2- mediated NF-kappa-B activation signaled by CD40, TNFR1 and TNFR2.





**Cellular Location** Cytoplasm.

**Tissue Location** Ubiquitous.

# **TANK Antibody (Center) Blocking peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

Blocking Peptides

TANK Antibody (Center) Blocking peptide - Images