

TANK Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP5860c**Specification**

TANK Antibody (Center) Blocking peptide - Product Information

Primary Accession [O92844](#)
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:25861989). 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:25861989). Promotes UBP10-induced deubiquitination of TRAF6 in response to DNA damage (PubMed:25861989). 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