



TANK blocking peptide (CDBP6240)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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. Three alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2010]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	TANK TRAF family member-associated NFKB activator [Homo sapiens (human)]
Official Symbol	TANK
Synonyms	TANK; TRAF family member-associated NFKB activator; ITRAF; TRAF2; I-TRAF; TRAF family member-associated NF-kappa-B activator; TRAF-interacting protein

Entrez Gene ID	10010
mRNA Refseq	NM_001199135
Protein Refseq	NP_001186064
UniProt ID	Q92844
Pathway	Activated TLR4 signalling; Activation of IRF3/IRF7 mediated by TBK1/IKK epsilon; Immune System; Innate Immune System; MyD88-independent cascade; RIG-I-like receptor signaling pathway; RIG-I/MDA5 mediated induction of IFN-alpha/beta pathways; TNF-alpha/NF-kB Signaling Pathway
Function	metal ion binding; protein binding; ubiquitin protein ligase binding