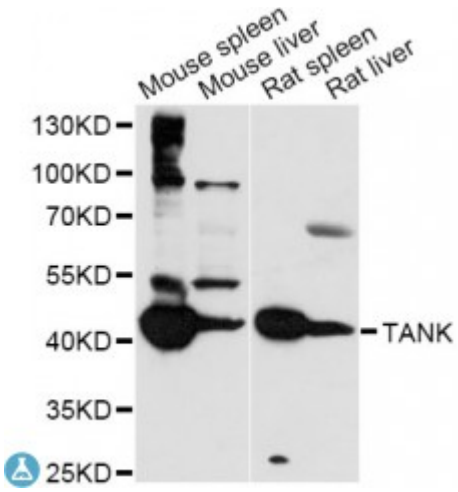
Anti-TANK Antibody



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.

Model	STJ116712
Host	Rabbit
Reactivity	Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 24-100 of human TANK (NP_597841.1).
Gene ID	10010
Gene Symbol	TANK
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Ubiquitous
Purification	Affinity purification
Note	For Research Use Only (RUO).

Protein Name	TRAF family member-associated NF-kappa-B activator TRAF-interacting protein I-TRAF
Molecular Weight	47.816 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:11562OMIM:603893Reactome:R-HSA-9013973
Alternative Names	TRAF family member-associated NF-kappa-B activator TRAF-interacting protein I-TRAF
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 , May control negatively TRAF2-mediated NF-kappa-B activation signaled by CD40, TNFR1 and TNFR2,
Cellular Localization	Cytoplasm
Post-translational Modifications	Phosphorylated by IKBKE,