

## Product datasheet for **TA343443**

### TANK Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-TANK antibody: synthetic peptide directed towards the N terminal of human TANK. Synthetic peptide located within the following region: DKNIGEQLNKAYEAFRQACMDRDSAVKELQKKTENYEQRIREQQEQLSLQ
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	48 kDa
Gene Name:	TRAF family member associated NFKB activator
Database Link:	<a href="#">NP_004171</a> <a href="#">Entrez Gene 10010 Human Q92844</a>



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**Background:**

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. TANK 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, TANK can block TRAF2 binding to LMP1, the Epstein-Barr virus transforming protein, and inhibit LMP1-mediated NF-kappa-B activation. 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. Two transcript variants encoding different isoforms have been found for this gene.

**Synonyms:**

I-TRAF; ITRAF; TRAF2

**Note:**

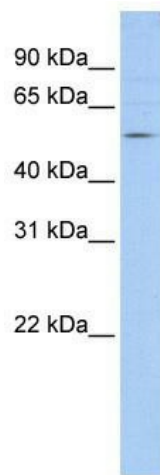
Immunogen Sequence Homology: Pig: 100%; Horse: 100%; Human: 100%; Bovine: 100%; Dog: 93%; Rat: 93%; Mouse: 93%; Guinea pig: 93%; Rabbit: 86%

**Protein Families:**

Druggable Genome

**Protein Pathways:**

RIG-I-like receptor signaling pathway

**Product images:**

WB Suggested Anti-TANK Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 12500; Positive Control: 293T cell lysate; There is BioGPS gene expression data showing that TANK is expressed in HEK293T