

Product Name: TANK Rabbit Polyclonal Antibody**Catalog #: APRab18642**

For research use only.

Summary

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|----------------------|---|
| Description | Rabbit polyclonal Antibody |
| Host | Rabbit |
| Application | WB,IHC,ICC/IF,ELISA |
| Reactivity | Human,Mouse,Rat |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Polyclonal |
| Form | Liquid |
| Concentration | 1mg/ml |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| Purification | Affinity purification |

Application

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|-------------------------|--|
| Dilution Ratio | WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000 |
| Molecular Weight | 48kDa |

Antigen Information

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| Gene Name | TANK |
| Alternative Names | TANK; ITRAF; TRAF2; TRAF family member-associated NF-kappa-B activator; TRAF-interacting protein; I-TRAF |
| Gene ID | 10010.0 |
| SwissProt ID | Q92844 |
| Immunogen | The antiserum was produced against synthesized peptide derived from human TANK. AA range:171-220 |

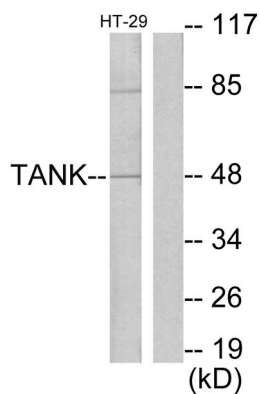
Background

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. 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],function:Acts as a regulator of TRAF function by maintaining them in a latent state. Overexpression inhibits TRAF2-mediated NF-kappa-B activation signaled by CD40, TNFR1 and TNFR2. Blocks TRAF2 binding to LMP1 and inhibits LMP1-mediated NF-kappa-B activation. May be involved in I-kappa-B-kinase (IKK) regulation; may function as an adapter for kinases such as TBK1 or IKBKE that can modulate IKK activity.,PTM:Phosphorylated by IKBKE.,similarity:Contains 1 C2H2-type zinc finger.,subunit:Interacts with TBK1 (via TRAF-C domain). Interacts with TRAF1 (via TRAF-C domain). Interacts with TRAF2 (via TRAF-C domain); the interaction is disrupted by the phosphorylation of TANK by IKBKE. Interacts with TRAF3 (via TRAF-C domain); the interaction with TRAF3 is weaker than the interactions with TRAF1 and TRAF3. Interacts with IKBKG; the interaction is enhanced by IKBKE and TBK1. Part of a ternary complex consisting of TANK, IKBKB and IKBKG.,tissue specificity:Ubiquitous.,

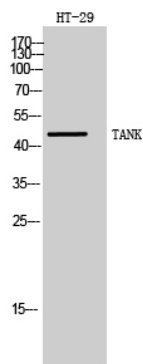
Research Area

RIG-I-like receptor;

Image Data



Western blot analysis of lysates from HT29 cells, using I-TRAF Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of HT-29 cells using TANK Polyclonal Antibody

