
Anti-TANK

Cat #: HM1364
Rabbit polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

TRAF (tumor necrosis factor receptor-associated factor) family proteins associate with and transduce signals from members of the TNF receptor superfamily. TANK is capable of binding to TRAF1, TRAF2, and TRAF3. TANK contains a regulatory carboxy terminal domain that maintains its inactivity in unstimulated cells. It synergizes with TRAF2 to activate the NFκB signaling cascade (7).

SPECIFICITY

This antibody specifically reacts with TANK of human, mouse and rat origin.

The antibody can be used in Western blotting, immunoprecipitation and immunohistochemistry.

Molecular Weight of TANK: 48 kDa.

IMMUNOGEN

A synthetic peptide derived from N-terminus of human TANK protein.

STORAGE

This antibody is stable for 12 months when stored at 2-8°C.

REFERENCES

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3. Cheng, G. and Baltimore, D. 1996. TANK, a co-inducer with TRAF2 of TNF-α and CD 40L-mediated NF-κB activation. *Genes and Dev.* 10: 963-973.
4. Rothe, M., Xiong, J., Shu, H.B., Williamson, K., Goddard, A. and Goeddel, D.V. (1996) I-TRAF is a novel TRAF-interacting protein that regulates TRAF-mediated signal transduction. *Proc. Natl. Acad. Sci. U.S.A.* 93, 8241-8246.
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6. Chariot, A., Leonardi, A., Muller, J., Bonif, M., Brown, K. and Siebenlist, U. (2002) Association of the adaptor TANK with the I kappa B kinase (IKK) regulator NEMO connects IKK complexes with IKK epsilon and TBK1 kinases. *J. Biol. Chem.* 277, 37029-37036.

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