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Anti-TRAF family member-associated NFKB activator (TANK), Chicken-Polyclonal Antibody

Catalog No. PY-10099 **Quantity:** 100μg **Applications:** Western blot
Antigen species: Human **Reactivity:** Human
Host species: Chicken **Form:** Antigen affinity-purified antibody

Target 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. This protein 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, this protein can block TRAF2 binding to LMP1, the Epstein-Barr virus transforming protein, and inhibit LMP1-mediated NF-kappa-B activation.

Antigen

This polyclonal antibody was raised by immunizing chicken with human TANK fusion protein (1-110 amino acids).

Application

Western blotting, tissue or cell immunostaining. Recommended starting dilution for Western blot analysis is 1:500, for tissue or cell staining is 1:200. Optimal working dilutions must be determined by the end user.

Related Products

1. Anti-STAT1 beta, Chicken pAb (PY-10184)
2. Anti-STAT6, Chicken pAb （PY-10185)
3. Anti-Jun kinase (JNK2), Chicken pAb (PY-10198)
4. Anti-serine/ threonine protein kinase (AKT), Chicken pAb (PY-10176)
5. Anti-serine/threonine protein kinase1 (AKT1), Chicken pAb (PY-10178)

E coli-derived fusion protein as test antigen.

Western blot Protocol

1. Block membrane with 5% non-fat milk in PBS-T for 1 hour at room temperature or longer at 4°C.
2. Incubate membrane with IgY antibodies at dilution of 1: 2,000 with 1% milk in PBS-T at R.T. for 1 h.
3. Rinse 3 times with PBS-T, then wash membrane with PBS-T, 5 min each, total of 3 times.
4. Incubate with 2nd antibody (goat-anti-IgY/Fc-HRP) at dilution 1: 1,000 for ECL (with 1% milk PBS-T) at R.T. for 1 h.
5. Rinse 3 times with PBS-T, then wash with PBS-T, 5 min each with shaking, total of 3 times.
6. Perform ECL detection of signal using Pierce ECL kit.

Storage

It is supplied as antigen affinity purified antibody in lyophilized powder. Redissolve the powder with 100 microliter sterile water will restore to the original concentration 1mg/ml (1×PBS). Store at 4°C for short-term application. For long-term storage, aliquot and store at -20°C.

References:

1. Kaye, K.M., Devergne, O., Harada, J.N., Izumi, K.M., Yalamanchili, R., Kieff, E., Mosialos, G. : Tumor necrosis factor receptor associated factor 2 is a mediator of NF-kappa-B activation by latent infection membrane protein 1, the Epstein-Barr virus transforming protein. *Proc. Nat. Acad. Sci.* 93: 11085-11090, 1996.