

For Research Use Only

TRAF1 Polyclonal antibody

Catalog Number: 11543-1-AP **1 Publications**



Basic Information

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|--|---|--|
| Catalog Number: 11543-1-AP | GenBank Accession Number: BC024145 | Purification Method: Antigen affinity purification |
| Size: 233 µg/ml | GeneID (NCBI): 7185 | Recommended Dilutions: WB 1:500-1:1000 |
| Source: Rabbit | UNIPROT ID: Q13077 | |
| Isotype: IgG | Full Name: TNF receptor-associated factor 1 | |
| Immunogen Catalog Number: AG2131 | Calculated MW: 416 aa, 46 kDa | |
| | Observed MW: 46-50 kDa | |

Applications

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| Tested Applications: WB, ELISA | Positive Controls: WB: Jurkat cells, |
| Cited Applications: WB | |
| Species Specificity: human, mouse, rat | |
| Cited Species: mouse | |

Background Information

TRAF1 is a member of the TNF receptor (TNFR) associated factor (TRAF) protein family. TRAF proteins associate with, and mediate the signal transduction from various receptors of the TNFR superfamily. TRAF1 and TRAF2 form a heterodimeric complex, which is required for TNF- α -mediated activation of MAPK8/JNK and NF- κ B. The protein complex formed by this protein and TRAF2 also interacts with inhibitor-of-apoptosis proteins (IAPs), and thus mediates the anti-apoptotic signals from TNF receptors. The expression of this protein can be induced by Epstein-Barr virus (EBV). EBV infection membrane protein 1 (LMP1) is found to interact with this and other TRAF proteins; this interaction is thought to link LMP1-mediated B lymphocyte transformation to the signal transduction from TNFR family receptors. TRAF1 is observed at 45-50 kDa in western blotting, and the additional bands of lower molecular weight (~30 kDa) may represent TRAF1 cleavage fragments, similar to the results obtained by the article (PMID:11098060).

Notable Publications

| Author | Pubmed ID | Journal | Application |
|--------------|-----------|------------|-------------|
| Mengmeng You | 31820078 | Eur J Nutr | WB |

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

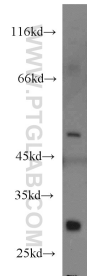
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 11543-1-AP (TRAF1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.