

For Research Use Only

TRAF1 Polyclonal antibody

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



Basic Information

Catalog Number: 11543-1-AP	GenBank Accession Number: BC024145	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 233 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7185	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: TNF receptor-associated factor 1	
Isotype: IgG	Calculated MW: 416 aa, 46 kDa	
Immunogen Catalog Number: AG2131	Observed MW: 46-50 kDa	

Applications

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-alpha-mediated activation of MAPK8/JNK and NF-kappaB. 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

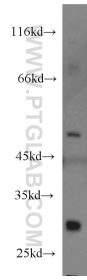
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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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.