

Rabbit anti-Human, mouse TRAF1 Polyclonal Antibody | anti-TRAF1 antibody

TRAF1 Antibody (N-term)

CATALOG # AAA287488	HOST Rabbit	REACTIVITY Human, mouse	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

TRAF1; Polyclonal Antibody; TRAF1 Antibody (N-term); TNF receptor-associated factor 1; Epstein-Barr virus-induced protein 6; EBI6; anti-TRAF1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TRAF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 55-83 amino acids from the N-terminal region of human TRAF1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.34 (varies by lot)
Sequence Positions	55-83
Sequence Length	416
Applicable Applications for anti-TRAF1 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

TRAF1 Antibody (N-term) western blot analysis in mouse liver tissue lysates (35ug/lane). This demonstrates the TRAF1 antibody detected the TRAF1 protein (arrow).



WB (Western Blot)

TRAF1 Antibody (N-term) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the TRAF1 antibody detected the TRAF1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-TRAF1 antibody	The protein encoded by this gene 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. This protein 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. Three transcript variants encoding two different isoforms have been found for this gene.
Product Categories/Family for anti-TRAF1 antibody	Cancer; Cell Biology; Microbiology; Signal Transduction
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Plant, D., et al. Ann. Rheum. Dis. 69(8):1548-1553(2010) Stahl, E.A., et al. Nat. Genet. 42(6):508-514(2010) Tan, R.J., et al. Ann. Rheum. Dis. 69(6):1029-1035(2010) Vuong, M.T., et al. PLoS ONE 5 (5), E10559 (2010) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	300193045
NCBI GeneID	7185
NCBI Accession #	NP_001177874.1; NP_001177876.1; NP_005649.1
NCBI GenBank Nucleotide #	NM_001190945.1
UniProt Accession #	Q13077; Q658U1; Q8NF13; B4DJ77
Molecular Weight	46164
NCBI Official Full Name	TNF receptor-associated factor 1 isoform a
NCBI Official Synonym Full Names	TNF receptor-associated factor 1
NCBI Official Symbol	TRAF1
NCBI Official Synonym Symbols	EBI6; MGC:10353
NCBI Protein Information	TNF receptor-associated factor 1
UniProt Protein Name	TNF receptor-associated factor 1
UniProt Gene Name	TRAF1
UniProt Synonym Gene Names	EBI6
UniProt Entry Name	TRAF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.