TRAF1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TRAF1, Polyclonal Antibody
Full Product Name	TRAF1 (TNF Receptor-associated Factor 1, Epstein-Barr Virus-induced Protein 6, EBI6) (MaxLight 405)
Product Gene Name	anti-TRAF1 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight405.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human TRAF1.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
OMIM	601711
3D Structure	ModBase 3D Structure for Q13077
Immunogen	Full length human TRAF1, aa1-416 (NP_005649.1).
Immunogen Sequence	MASSSGSSPRPAPDENEFPFGCPPTVCQDPKEPRALCCAGCLSENPRNGEDQICPKCRGEDLQSISPGSRLRTQEKAHPEVAEAGIGCPFAGVGCSFK
Conjugate	MaxLight405
Note	Preservative Free
Product Categories/Family for anti-TRAF1 antibody	Antibodies; TRAF
Applications Tested/Suitable for anti-TRAF1 antibody	Western Blot (WB)
Application Notes for anti-TRAF1 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-TRAF1 antibody	Adapter molecule that regulates the activation of NF-kappa-B and JNK. Plays a role in the regulation of cell survival and apoptosis. The heterotrimer fo
Other Notes	Small volumes of anti-TRAF1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces

Searchable Terms for TRAF1 purchase	MBS6397022 is an antibody targeting TRAF1. Also known as TRAF1 (TNF Receptor-associated Factor 1, Epstein-Barr Virus-induced Protein 6, EBI6)

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TRAF1. It may not necessarily be applicable to this product.

NCBI GI #	1519314406
NCBI GeneID	7185
NCBI Accession #	NM_005658.5
UniProt Primary Accession #	Q13077
UniProt Related Accession #	Q13077
GenBank Nucleotide #	NM_005658
NCBI Official Full Name	Homo sapiens TNF receptor associated factor 1 (TRAF1), transcript variant 1, mRNA
NCBI Official Synonym Full Names	TNF receptor associated factor 1
NCBI Official Symbol	TRAF1
NCBI Official Synonym Symbols	EBI6; MGC:10353
UniProt Protein Name	TNF receptor-associated factor 1
UniProt Synonym Protein Names	Epstein-Barr virus-induced protein 6
Protein Family	TNF receptor-associated factor
UniProt Gene Name	TRAF1
UniProt Synonym Gene Names	EBI6
UniProt Entry Name	TRAF1_HUMAN
NCBI Protein Information	TNF receptor-associated factor 1
NCBI Summary for TRAF1	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. [provided by RefSeq, Jul 2010]

UniProt Comments for TRAF1	TRAF1: Adapter molecule that regulates the activation of NF- kappa-B and JNK. Plays a role in the regulation of cell survival and apoptosis. The heterotrimer formed by TRAF1 and TRAF2 is part of a E3 ubiquitin-protein ligase complex that promotes ubiquitination of target proteins, such as MAP3K14. The TRAF1/TRAF2 complex recruits the antiapoptotic E3 protein- ubiquitin ligases BIRC2 and BIRC3 to TNFRSF1B/TNFR2. Homotrimer. Heterotrimer with TRAF2. Interacts with TNFRSF1A/TNFR1, TNFRSF1B/TNFR2, TNFRSF4, TNFRSF5/CD40, TNFRSF8/CD30, TNFRSF9/CD137, TNFRSF11A/RANK, TNFRSF13C, TNFRSF18/AITR, TNFRSF17/BCMA, TNFRSF19/TROY, TNFRSF19L/RELT, XEDAR, EDAR, Epstein-Barr virus BNFL1/LMP-1, TANK/ITRAF, TRAIP and RIPK2. Interacts with BIRC2 and BIRC3 N-terminus; a single BIRC2 or BIRC3 molecule interacts with a heterotrimer formed by TRAF1 and TRAF2. Interacts with NFATC2IP, TRAFD1 and with HIVEP3. Interacts with MAP3K14. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Adaptor/scaffold; Apoptosis Chromosomal Location of Human Ortholog: 9q33-q34 Cellular Component: cytoplasm Molecular Function: protein binding; zinc ion binding; ubiquitin protein ligase binding; thioesterase binding; tumor necrosis factor receptor binding Biological Process: apoptosis; protein complex assembly; signal transduction; activation of NF-kappaB transcription factor
Research Articles on TRAF1	**1.** Association of TRAF1/C5 Locus Polymorphisms with the risk of developing severe neurocysticercosis in the Mexican population.
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