

Rabbit TRAF1 Polyclonal Antibody | anti-TRAF1 antibody

TRAF1 Antibody

CATALOG # AAA322042	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

TRAF1; Polyclonal Antibody; TRAF1 Antibody; 4732496E14Rik; EBI6; EBV induced protein 6; Epstein-Barr virus-induced protein 6; MGC:10353; Tnf receptor associated factor 1; TNF receptor-associated factor 1; TRAF 1; TRAF1_HUMAN; anti-TRAF1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	TRAF1 antibody detects endogenous levels of total TRAF1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	416
Applicable Applications for anti-TRAF1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human TRAF1
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of TRAF1 expression in U937 cell lysate



IHC (Immunohistochemistry)

AAA322042 at 1/100 staining Human prostate tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-TRAF1 antibody	Description: 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. Subunit Structure: Homotrimer (PubMed:15383523, PubMed:20385093). Heterotrimer with TRAF2 (PubMed:8069916, PubMed:19287455, PubMed:20385093). 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, TRAIIP and RIPK2 (PubMed:10037686, PubMed:10809768, PubMed:10903733, PubMed:11035039, PubMed:11313261, PubMed:16323247, PubMed:19287455, PubMed:19698991, PubMed:8069916, PubMed:8627180, PubMed:8710854, PubMed:9418902, PubMed:9607925, PubMed:9642260, PubMed:9705938, PubMed:9718306, PubMed:9774460). Interacts with BIRC2 and BIRC3 N-terminus; a single BIRC2 or BIRC3 molecule interacts with a heterotrimer formed by TRAF1 and TRAF2 (PubMed:11907583, PubMed:20447407, PubMed:20385093). Interacts with NFATC2IP, TRAFD1 and with HIVEP3 (By similarity). Interacts with MAP3K14. Interacts with GPS2 (By similarity). Post-translational Modifications: Polyubiquitinated by BIRC2 and/or BIRC3, leading to its subsequent proteasomal degradation. Similarity: The coiled coil domain mediates homo-and hetero-oligomerization. The MATH/TRAF domain binds to receptor cytoplasmic domains. Cleavage by CASP8 liberates a C-terminal fragment that promotes apoptosis and inhibits the activation of NF-kappa-B in response to TNF signaling.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	300193045
NCBI GeneID	7185
NCBI Accession #	NP_001177874.1
NCBI GenBank Nucleotide #	NM_001190945.1
UniProt Accession #	Q13077; Q658U1; Q8NF13; B4DJ77
Molecular Weight	Observed: 46 kDa Predicted: 47 kDa
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

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.