

anti-Human TRAF2 Polyclonal Antibody | anti-TRAF2 antibody

Anti-TRAF2 Antibody

CATALOG # AAA46553	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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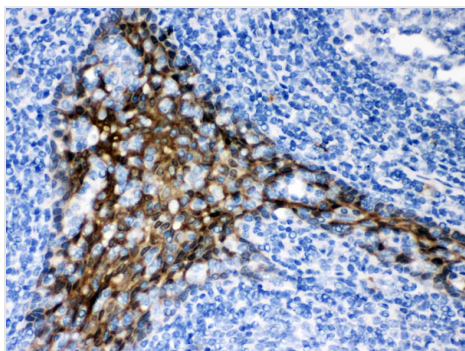
PRODUCT SYNONYMS

TRAF2; Polyclonal Antibody; Anti-TRAF2 Antibody; TNF receptor-associated factor 2; E3 ubiquitin-protein ligase TRAF2; MGC:45012; OTTHUMP00000022625; OTTHUMP00000064745; TNF receptor associated factor 2; TNF receptor-associated protein; TRAF 2; TRAF2_HUMAN; TRAP 3; TRAP; TRAP3; Tumor necrosis factor type 2 receptor associated protein 3; Tumor necrosis factor type 2 receptor-associated protein 3 antibody; anti-TRAF2 antibody

PRODUCT SPECIFICATIONS

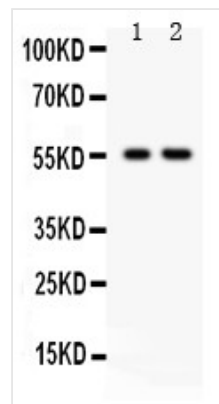
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	501
Applicable Applications for anti-TRAF2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human TRAF2 (308-339aa RLDQDKIEALSSKVQQLERSIGLKLAMADLE), different from the related mouse sequence by one amino acid.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Anti- TRAF2 Picoband antibody, AAA46553, IHC(P)IHC(P): Human Tonsil Tissue



WB (Western Blot)

Anti- TRAF2 Picoband antibody, AAA46553, Western blottingAll lanes: Anti TRAF2 (AAA46553) at 0.5ug/mlLane 1: HELA Whole Cell Lysate at 40ugLane 2: JURKAT Whole Cell Lysate at 40ugPredicted bind size: 56KDObserved bind size: 56KD

ADDITIONAL INFORMATION

Related Product Information for anti-TRAF2 antibody	Description: Rabbit IgG polyclonal antibody for TNF receptor-associated factor 2(TRAF2) detection. Tested with WB, IHC-P in Human. Background: TRAF2 (TNF Receptor-Associated Factor 2), also called TRAP, is a protein that in humans is encoded by the TRAF2 gene. The protein encoded by this gene is a member of the TNF receptor (TNFR) associated factor (TRAF) protein family. TRAF2 is a common signal transducer for TNFR2 and CD40 that mediates activation of NF-kappa-B. Rothe et al. (1996) identified ITRAF, which binds to TRAF1, TRAF2, and TRAF3, and that when overexpressed inhibits TRAF2-mediated NF-kappa-B activation. They proposed that ITRAF is an inhibitor of TRAF function that regulates TRAF protein activity by sequestering TRAFs in a latent state in the cytoplasm. Kanamori et al. (2002) found that mouse Traf2 interacted directly with T2bp, and they presented evidence that T2BP is involved in TNF-mediated signaling by its interaction with TRAF2.
References	1. Aizawa, S., Nakano, H., Ishida, T., Horie, R., Nagai, M., Ito, K., Yagita, H., Okumura, K., Inoue, J., Watanabe, T. Tumor necrosis factor receptor-associated factor (TRAF) 5 and TRAF2 are involved in CD30-mediated NF-kappa-B activation. J. Biol. Chem. 272: 2042-2045, 1997. 2. Kanamori, M., Suzuki, H., Saito, R., Muramatsu, M., Hayashizaki, Y. T2BP, a novel TRAF2 binding protein, can activate NF-kappa-B and AP-1 without TNF stimulation. Biochem. Biophys. Res. Commun. 290: 1108-1113, 2002. 3. Rothe, M., Xiong, J., Shu, H.-B., Williamson, K., Goddard, A., Goeddel, D. V. I-TRAF is a novel TRAF-interacting protein that regulates TRAF-mediated signal transduction. Proc. Nat. Acad. Sci. 93: 8241-8246, 1996.

NCBI AND UNIPROT INFORMATION

NCBI GI #	22027612
NCBI GeneID	7186
NCBI Accession #	NP_066961.2
NCBI GenBank Nucleotide #	NM_021138.3
UniProt Accession #	Q12933; Q7Z337; Q96NT2; A8K107; B4DPJ7
Molecular Weight	53,055 Da
NCBI Official Full Name	TNF receptor-associated factor 2
NCBI Official Synonym Full Names	TNF receptor associated factor 2
NCBI Official Symbol	TRAF2
NCBI Official Synonym Symbols	TRAP; TRAP3; MGC:45012
NCBI Protein Information	TNF receptor-associated factor 2
UniProt Protein Name	TNF receptor-associated factor 2
UniProt Gene Name	TRAF2
UniProt Synonym Gene Names	TRAP3
UniProt Entry Name	TRAF2_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.