



TRAF3 Polyclonal Antibody

Catalog No	YP-Ab-04251
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	TRAF3
Immunogen	The antiserum was produced against synthesized peptide derived from human TRAF3. AA range:240-289
Specificity	TRAF3 Polyclonal Antibody detects endogenous levels of TRAF3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CAP 1;CAP1;CAP-1;CD40 binding protein;CD40 receptor-associated factor 1; TRAF3;TNF receptor-associated factor 3;CRAF1;CD40-binding protein;CD40BP; LMP1-associated protein 1;LAP1
Observed Band	64kD
Calculated Molecular Weight	64kD
Cell Pathway	Cytoplasm . Endosome . Mitochondrion . Undergoes endocytosis together with TLR4 upon LPS signaling (By similarity). Co-localized to mitochondria with TRIM35 (PubMed:32562145). .
Tissue Specificity	Brain,Fetal brain,Lymphoma,T-cell,
Function	caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,domain:The MATH/TRAF domain binds to receptor cytoplasmic domains.,function:Adapter protein and signal transducer that links members of the tumor necrosis factor receptor family to different signaling pathways by association with the receptor cytoplasmic domain and kinases. Seems to be involved in activation of NF-kappa-B and JNK and in apoptosis. Is regulated by TANK/ITRAF which competes with TNFRSF5/CD40 for binding. Seems to play a role T-cell



dependent immune responses.,similarity:Contains 1 MATH domain.,
similarity:Contains 1 RING-type zinc finger.,similarity:Contains 2 TRAF-type zinc
fingers.,subunit:Homotrimer (Probable). Heteromer with TRAF5 (By similarity).
Binds to TNFRSF5/CD40. Associates with LTBR/TNFRSF3, TNFRSF4,
TNFRSF8/CD30, TNFRSF17/BCMA and

Background

TNF receptor associated factor 3 (TRAF3) Homo sapiens The protein encoded by this gene is a member of the TNF receptor associated factor (TRAF) protein family. TRAF proteins associate with, and mediate the signal transduction from, members of the TNF receptor (TNFR) superfamily. This protein participates in the signal transduction of CD40, a TNFR family member important for the activation of the immune response. This protein is found to be a critical component of the lymphotoxin-beta receptor (LTbetaR) signaling complex, which induces NF-kappaB activation and cell death initiated by LTbeta ligation. Epstein-Barr virus encoded latent infection membrane protein-1 (LMP1) can interact with this and several other members of the TRAF family, which may be essential for the oncogenic effects of LMP1. Several alternatively spliced transcript variants encoding three distinct isoforms have been reported. [provided by RefSeq, Dec 2010],

matters needing attention

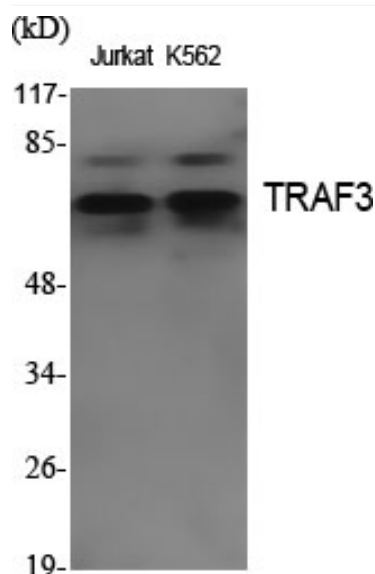
Avoid repeated freezing and thawing!

Usage suggestions

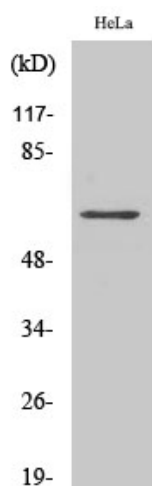
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Products Images



Western Blot analysis of various cells using TRAF3 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western Blot analysis of COLO205 cells using TRAF3 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

Western blot analysis of lysate from HeLa cells, using TRAF3 antibody.