Best Tools for immunology Research

TRAF3 Polyclonal Antibody

Catalog No :	YT4718
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	TRAF3
Fields :	>>NF-kappa B signaling pathway;>>Toll-like receptor signaling pathway;>>NOD-like receptor signaling pathway;>>RIG-I-like receptor signaling pathway;>>IL-17 signaling pathway;>>TNF signaling pathway;>>Alcoholic liver disease;>>Hepatitis C;>>Hepatitis B;>>Measles;>>Influenza A;>>Human papillomavirus infection;>>Kaposi sarcoma-associated herpesvirus infection;>>Herpes simplex virus 1 infection;>>Epstein-Barr virus infection;>>Coronavirus disease - COVID-19;>>Pathways in cancer;>>Viral carcinogenesis;>>Small cell lung cancer;>>Lipid and atherosclerosis
Gene Name :	TRAF3
Protein Name :	TNF receptor-associated factor 3
Human Gene Id :	7187
Human Swiss Prot No :	Q13114
Mouse Gene Id :	22031
Mouse Swiss Prot No :	Q60803
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
	WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.

Purification : The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 64kD

Cell Pathway : Toll_Like;RIG-I-like receptor;Pathways in cancer;Small cell lung cancer;

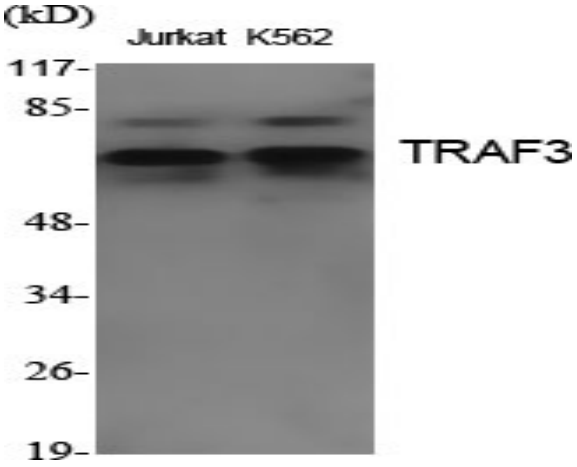
Background : TNF receptor associated factor 3(TRAF3) Homo sapiens The protein encoded by this gene is a member of the TNF receptor associated factor (TRAF) protein family. TRAF proteins associate with, and mediate the signal transduction from, members of the TNF receptor (TNFR) superfamily. This protein 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],

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

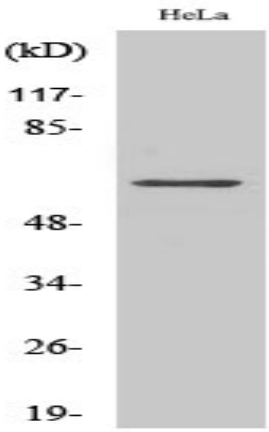
Subcellular Location : Cytoplasm . Endosome . Mitochondrion . Undergoes endocytosis together with TLR4 upon LPS signaling (By similarity). Co-localized to mitochondria with TRIM35 (PubMed:32562145). .

Expression : Brain,Fetal brain,Lymphoma,T-cell,

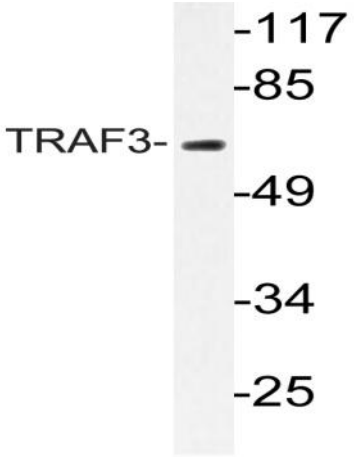
Products Images



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.