



TRAF4 Polyclonal Antibody

Catalog No	YP-Ab-04252
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	TRAF4
Protein Name	TNF receptor-associated factor 4
Immunogen	The antiserum was produced against synthesized peptide derived from human TRAF4. AA range:261-310
Specificity	TRAF4 Polyclonal Antibody detects endogenous levels of TRAF4 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: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	TRAF4; CART1; MLN62; RNF83; TNF receptor-associated factor 4; Cysteine-rich domain associated with RING and Traf domains protein 1; Metastatic lymph node gene 62 protein; MLN 62; RING finger protein 83
Observed Band	53kD
Cell Pathway	Cytoplasm . Nucleus . Cytoplasm, perinuclear region. Cell junction, tight junction. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Cytoplasm, cytoskeleton .
Tissue Specificity	Expressed in epithelial cells of thymus, dendritic cells of lymph node, and in the basal cell layer of epithelia such as epidermis, nasopharynx, respiratory tract, salivary gland, and esophagus.
Function	domain:The coiled coil domain mediates homo- and hetero-oligomerization.,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 mediate activation of NF-kappa-B and JNK and seems to be involved in apoptosis. May play a role in the development of respiratory tract.,similarity:Contains 1 MATH domain.,similarity:Contains 1 RING-type zinc finger.,similarity:Contains 3 TRAF-type zinc fingers.,subunit:Homotrimer (Probable). Associates with LTBR/TNFRSF3 and NGFR/TNFRSF16. Interacts



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Background

TNF receptor associated factor 4(TRAF4) Homo sapiens This gene encodes a member of the TNF receptor associated factor (TRAF) family. TRAF proteins are associated with, and mediate signal transduction from members of the TNF receptor superfamily. The encoded protein has been shown to interact with neurotrophin receptor, p75 (NTR/NTSR1), and negatively regulate NTR induced cell death and NF-kappa B activation. This protein has been found to bind to p47phox, a cytosolic regulatory factor included in a multi-protein complex known as NAD(P)H oxidase. This protein thus, is thought to be involved in the oxidative activation of MAPK8/JNK. Alternatively spliced transcript variants have been observed but the full-length nature of only one has been determined. [provided by RefSeq, Jul 2008],

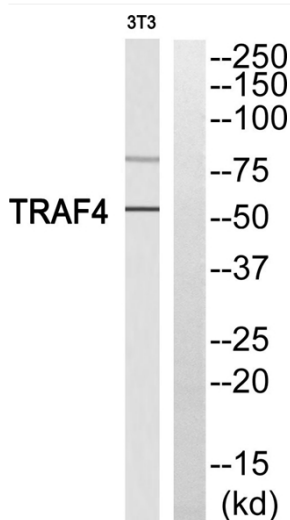
matters needing attention

Avoid repeated freezing and thawing!

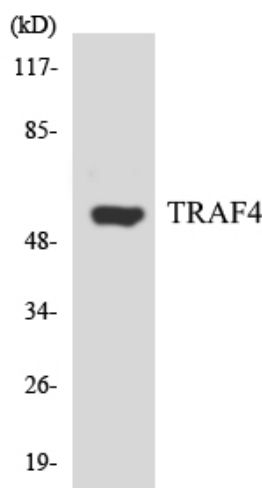
Usage suggestions

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

Products Images



Western blot analysis of TRAF4 Antibody. The lane on the right is blocked with the TRAF4 peptide.



Western blot analysis of the lysates from K562 cells using TRAF4 antibody.