Product Name: TRAF4 Rabbit Polyclonal Antibody
Catalog #: APRab19187
For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:20000
Molecular Weight	53kDa

Antigen Information

Gene Name	TRAF4
Alternative Names	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
Gene ID	9618.0
SwissProt ID	Q9BUZ4
Immunogen	The antiserum was produced against synthesized peptide derived from human TRAF4. AA range:261-310

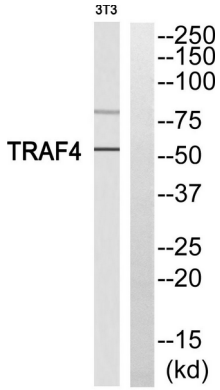
Background

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],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 with TGFB1I1.,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.,

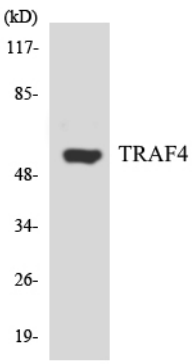
Research Area

Pathways in cancer;Small cell lung cancer;

Image Data



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.