
Product Name: TRAF6 Rabbit Polyclonal Antibody**Catalog #: APRab19190**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,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,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
Molecular Weight	60kDa

Antigen Information

Gene Name	TRAF6
Alternative Names	TRAF6; RNF85; TNF receptor-associated factor 6; E3 ubiquitin-protein ligase TRAF6; Interleukin-1 signal transducer; RING finger protein 85
Gene ID	7189.0
SwissProt ID	Q9Y4K3
Immunogen	The antiserum was produced against synthesized peptide derived from human TRAF6. AA range:105-154

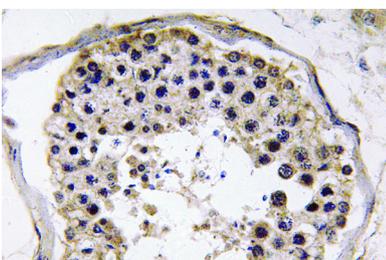
Background

TNF receptor associated factor 6 (TRAF6) Homo sapiens The protein encoded by this gene is a member of the TNF receptor associated factor (TRAF) protein family. TRAF proteins are associated with, and mediate signal transduction from, members of the TNF receptor superfamily. This protein mediates signaling from members of the TNF receptor superfamily as well as the Toll/IL-1 family. Signals from receptors such as CD40, TNFSF11/RANCE and IL-1 have been shown to be mediated by this protein. This protein also interacts with various protein kinases including IRAK1/IRAK, SRC and PKCzeta, which provides a link between distinct signaling pathways. This protein functions as a signal transducer in the NF-kappaB pathway that activates I kappaB kinase (IKK) in response to proinflammatory cytokines. The interaction of this protein with UBE2N/UBC13, and UBE2V1/UEV1A, which are ubiquitin conjugating enzymes catalyzing the formation of polyubiquitin chains, has 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. Also involved in the IL-1 signaling pathway via MYD88 and IRAK kinases. Seems to be involved in IL-17 signaling (By similarity). Mediates activation of NF-kappa-B and JNK. May function as an E3 ubiquitin ligase., pathway: Protein modification; protein ubiquitination., PTM: Polyubiquitinated., similarity: Contains 1 MATH domain., similarity: Contains 1 RING-type zinc finger., similarity: Contains 2 TRAF-type zinc fingers., subunit: Homotrimer (Probable). Binds to TNFRSF5/CD40 and TNFRSF11A/RANK. Associates with NGFR, TNFRSF17, IRAK1, IRAK2, IRAK3, IRAK4, RIPK2, MAP3K1, MAP3K5, MAP3K14, CSK, and TRAF-interacting protein TRIP and TRAF and TNF receptor associated protein TTRAP. Interacts with IL17R. Interacts with SQSTM1 bridging NTRK1 and NGFR. Forms a ternary complex with SQSTM1 and PRKCZ (By similarity). Interacts with PELI1, PELI2 and PELI3. Binds UBE2V1. Interacts with MAVS/IPS1. Interacts with TAX1BP1. Interacts with IL1RL1. Interacts with TRAFD1. Interacts with ZNF675. Interacts with JUB. Interacts with TICAM1 and TICAM2., tissue specificity: Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas.,

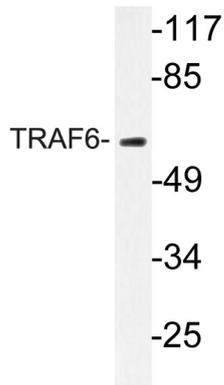
Research Area

MAPK_ERK_Growth; MAPK_G_Protein; Ubiquitin mediated proteolysis; Endocytosis; Toll_Like; NOD-like receptor; RIG-I-like receptor; Neurotrophin; Pathways in cancer; Small cell lung cancer;

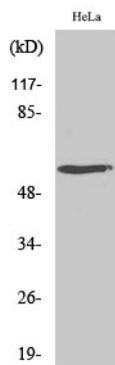
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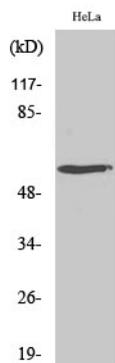
Immunohistochemistry analysis of TRAF6 antibody in paraffin-embedded human testis tissue.



Western blot analysis of lysate from HeLa cells, using TRAF6 antibody.



Western Blot analysis of various cells using TRAF6 Polyclonal Antibody diluted at 1:1000. Secondary antibody was diluted at 1:20000



Western Blot analysis of HeLa cells using TRAF6 Polyclonal Antibody diluted at 1:1000. Secondary antibody was diluted at 1:20000