

Summary

Production Name	TRAF2 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Rat,Mouse,,Bovine

Performance

Conjugation	Unconjugated
Modification	Unmodified
lsotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	TRAF2	
Alternative Names	TRAF2; TRAP3; TNF receptor-associated factor 2; E3 ubiquitin-protein ligase TRAF2;	
	Tumor necrosis factor type 2 receptor-associated protein 3	
Gene ID	7186.0	
SwissProt ID	Q12933.Synthesized peptide derived from the Internal region of human TRAF2.	

Application

Dilution Ratio	WB 1:500-1:2000. ELISA: 1:10000
Molecular Weight	60kD

Background

TNF receptor associated factor 2(TRAF2) Homo sapiens The protein encoded by this gene is a member of the TNF

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receptor associated factor (TRAF) protein family. TRAF proteins associate with, and mediate the signal transduction from members of the TNF receptor superfamily. This protein directly interacts with TNF receptors, and forms a heterodimeric complex with TRAF1. This protein is required for TNF-alpha-mediated activation of MAPK8/JNK and NF-kappaB. The protein complex formed by this protein and TRAF1 interacts with the inhibitor-of-apoptosis proteins (IAPs), and functions as a mediator of the anti-apoptotic signals from TNF receptors. The interaction of this protein with TRADD, a TNF receptor associated apoptotic signal transducer, ensures the recruitment of IAPs for the direct inhibition of caspase activation. BIRC2/c-IAP1, an apoptosis inhibitor possessing ubiquitin ligase activity, can unbiquitinate and induce the degradation of this prodomain: 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. Association to the receptor is also mediated by the interaction with TRADD. Mediates activation of NF-kappa-B and JNK and is involved in apoptosis. The TRAF1/TRAF2 complex recruits the apoptotic suppressors BIRC2 and BIRC3 to TNFRSF1B/TNFR2. Seems to be involved in IL-15 signaling., PTM: Ubiquitinated; mediated by SIAH2 and leading to its subsequent proteasomal degradation. Not ubiquitinated by SIAH1,,similarity:Contains 1 MATH domain.,similarity:Contains 1 RING-type zinc finger., similarity: Contains 2 TRAF-type zinc fingers., subunit: Homotrimer (Probable). Heteromer with TRAF1. Binds to TNFRSF1B/TNFR2, TNFRSF4 and TNFRSF5/CD40. Associates with CD27, TNFRSF8/CD30, TNFRSF9/CD137, TNFRSF11A/RANK, TNFRSF13B/TACI. TNFRSF14, TNFRSF16/NGFR, TNFRSF17/BCMA, TNFRSF18/AITR, TNFRSF19/TROY, TNFRSF19L/RELT, XEDAR, EDAR, Epstein-Barr virus BNFL1/LMP-1, IL15RA, TANK/ITRAF, RIPK2, TNIK, MAP3K14, MAP3K5, MAP3K1, MAP4K2, CDK9, CSK, and TRAF-interacting protein TRAIP and TRAF and TNF receptor associated protein TTRAP. Interacts with TNFAIP3 and TRPC4AP. Interacts with PEG3 (By similarity). Binds to TRADD. Interacts with BIRC2 and BIRC3 N-terminus. Interacts with CYLD and TBK1. Interacts with MAVS/IPS1. Interacts with CASP8AP2 and USP48. Interacts with DAB2IP. Interacts wtih NFATC2IP and with HIVEP3.,

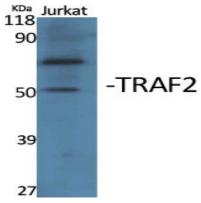
Research Area

MAPK_ERK_Growth;MAPK_G_Protein;Apoptosis_Inhibition;Apoptosis_Mitochondrial;Apoptosis_Overview;RIG-I-like receptor;Adipocytokine;Pathways in cancer;Small cell lung cancer;

Image Data

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Western Blot analysis of various cells using TRAF2 Polyclonal Antibody. Secondary antibody was diluted at 1:20000

Note

For research use only.