

产品名称: TRAF2 Rabbit Polyclonal Antibody
产品货号: APRab19184



产品概述 (Summary)

产品名称 (Production Name)	TRAF2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse,Bovine

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	TRAF2
别名 (Alternative Names)	TRAF2; TRAF3; TNF receptor-associated factor 2; E3 ubiquitin-protein ligase TRAF2; Tumor necrosis factor type 2 receptor-associated protein 3
基因 ID (Gene ID)	7186.0
蛋白 ID (SwissProt ID)	Q12933.Synthesized peptide derived from the Internal region of human TRAF2.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	60kDa

产品名称: TRAF2 Rabbit Polyclonal Antibody
产品货号: AP Rab19184



研究背景 (Background)

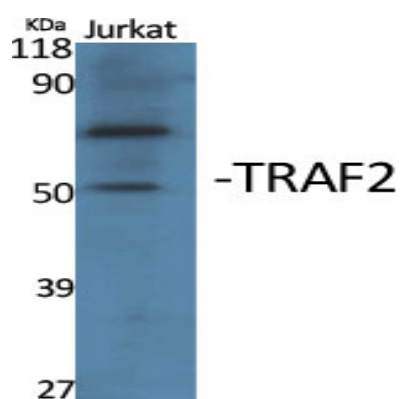
TNF receptor associated factor 2 (TRAF2) Homo sapiens The protein encoded by this gene is a member of the TNF receptor associated factor (TRAF) protein family. TRAF proteins associate with, and mediate the signal transduction from members of the TNF receptor superfamily. This protein directly interacts with TNF receptors, and forms a heterodimeric complex with TRAF1. This protein is required for TNF- α -mediated activation of MAPK8/JNK and NF- κ B. 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 ubiquitinate and induce the degradation of this prodomain. The coiled coil domain mediates homo- and hetero-oligomerization. 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- κ 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, TNF, MAP3K14, MAP3K5, MAP3K1, MAP4K2, CDK9, CSK, and TRAF-interacting protein TRAFIP and TRAF and TNF receptor associated protein TRAFAP. Interacts with TNFAIP3 and TRAF4AP. 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 with NFATC2IP and with HIVEP3.

研究领域 (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;

图片 (Image Data)

产品名称: TRAF2 Rabbit Polyclonal Antibody
产品货号: APRab19184



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

注意事项 (Note)

For research use only .