



TRAF2 Rabbit mAb

Catalog No	YP-rAb-17396
Isotype	IgG
Reactivity	Human,Mouse,Rat,Bovine
Applications	WB,IHC,IF,FC,IP
Gene Name	TRAF2
Protein Name	TNF receptor-associated factor 2
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	IHC 1:200-1:1000; WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; IP 1:50-1:200; Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15 ° C to -25 ° C/1 year(Do not lower than -25 ° C)
Synonyms	TRAF2;TNF receptor-associated factor 2;TRAF2 ; TRAP3 ; TNF receptor-associated factor 2 ; E3 ubiquitin-protein ligase TRAF2 ; Tumor necrosis factor type 2 receptor-associated protein 3
Observed Band	56kD
Calculated Molecular Weight	56kD
Cell Pathway	Cytoplasm .
Tissue Specificity	Brain,Cerebellum,Colon,Fetal brain,Human endometrium,Kidney,Leukocyte,Spleen
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 . 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, TNK1, MAP3K14, MAP3K5, MAP3K1, MAP4K2, CDK9, CSK, and TRAF-interacting protein TRAF1 and TRAF and TNF receptor associated protein TRAF1. 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 with NFATC2IP and with HIVEP3.,

Background

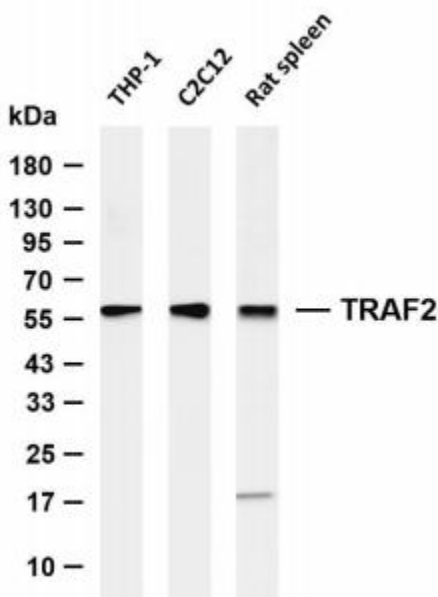
TNF receptor associated factor 2 (TRAF2) Homo sapiens The protein encoded by this gene is a member of the TNF receptor associated factor (TRAF) protein family. TRAF proteins associate with, and mediate the signal transduction from members of the TNF receptor superfamily. This protein directly interacts with TNF receptors, and forms a heterodimeric complex with TRAF1. This protein is required for TNF-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 ubiquitinate and induce the degradation of this pro

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.



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-TRAF2 antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: THP-1 Lane 2: C2C12 Lane 3: Rat spleen Predicted band size: 56kDa Observed band size: 56kDa

