OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA319201

TRAF2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:60,000 - 1:250,000, WB: 1 ug/mL, IF: user optimized
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to an internal region human TRAF2.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	TNF receptor associated factor 2
Database Link:	NP_066961 Entrez Gene 22030 MouseEntrez Gene 7186 Human Q12933
Synonyms:	MGC:45012; TRAP; TRAP3

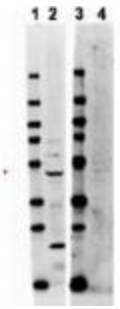
View online »

Note: TRAF2, or Tumor Necrosis factor (TNF) Receptor-Associated Factor 2, is an 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. TRAF2 mediates activation of NF-kappa-B and MAPK8/JNK and is involved in apoptosis. TRAF2 forms a heterodimeric complex with TRAF1, which then recruits the inhibitor-of-apoptosis proteins (IAPs), apoptotic suppressors BIRC2 and BIRC3 to TNFRSF1B/TNFR2 for the inhibition of caspase activation. In this way it functions as a mediator of the anti-apoptotic signals from TNF receptors. BIRC2/c-IAP1, an apoptosis inhibitor possessing ubiquitin ligase activity, can unbiquitinate and induce the degradation of this protein, and thus potentiate TNF-induced apoptosis. TRAF2 may be involved in IL-15 signaling. Multiple alternatively spliced transcript variants exist, but the biological validity of only one transcript has been determined.

Protein Families: Druggable Genome

Protein Pathways: Adipocytokine signaling pathway, Apoptosis, MAPK signaling pathway, Pathways in cancer, RIG-I-like receptor signaling pathway, Small cell lung cancer

Product images:



WB using Anti-TRAF2 antibody shows detection of endogenous TRAF2 in whole HeLa cell lysates. Lane 2 shows endogenous TRAF2 detected with antibody at 47 kDa (arrowhead). Lane 4 shows no reactivity when blot is incubated with immunizing peptide. Briefly, each lane contains approximately 14 ug of lysate. Primary antibody was used at 1:500. Gt-a-Rabbit DyLight 649 was used at 1:20000.