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Product datasheet for TA306276

TRAF2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 0.5 - 2 ug/mL, ICC: 10 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	TRAF2 antibody was raised against a 17 amino acid peptide from near the carboxy terminus of human TRAF2.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
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 311786 RatEntrez Gene 7186 Human Q12933

View online »

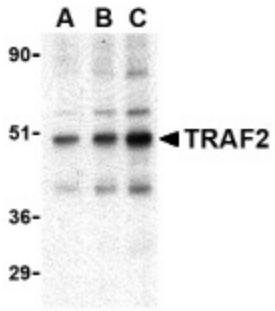
Background: Tumor necrosis factor (TNF) receptor associated factors (TRAFs) were initially discovered as adaptor proteins that link the TNF receptor superfamily to signaling pathways and are thus important regulators of cell death and cellular response to stress (1). TRAF proteins share a homology region that allows them to bind to cell receptors and other TRAF proteins, causing the activation of different signal cascades depending on the TRAFs involved. For example, TRAF2 and TRAF3 directly bind to the CD40, a TNF receptor superfamily member involved in inducing B cell immunity (2), and are critical for NF-kappaB activation in mouse B lymphocytes (3). TRAF2 along with TRAF6 has also been shown to be required for CD40 signaling in nonhemopoietic cells (4). TRAF2 also interacts with the TRFR superfamily member lymphotoxin-b receptor (LTbR) in association with TRAF3 and the apoptosis inhibitors cIAP1 and Smac (5).

Synonyms: MGC:45012; TRAP; TRAP3

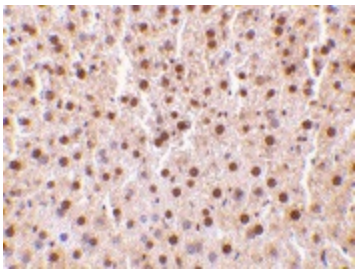
Protein Families: Druggable Genome

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

Product images:



Western blot analysis of TRAF2 in mouse liver tissue lysate with TRAF2 antibody at (A) 0.5, (B) 1 and (C) 2 ug/ml.



Immunohistochemistry of TRAF2 in mouse liver tissue with TRAF2 antibody at 10 ug/ml.