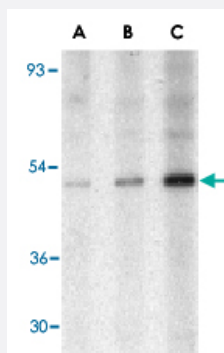


TRAF2 polyclonal antibody

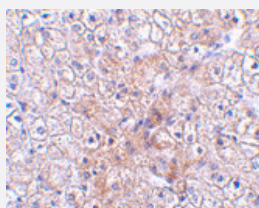
Catalog # PAB13174 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of TRAF2 in human liver tissue lysate with TRAF2 polyclonal antibody (Cat # PAB13174) at (A) 0.5, (B) 1 and (C) 2 ug/mL .



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry of TRAF2 in human liver tissue with TRAF2 polyclonal antibody (Cat # PAB13174) at 2.5 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of TRAF2.
Immunogen	A synthetic peptide corresponding to N-terminus 16 amino acids of human TRAF2.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Recommend Usage	Western Blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot analysis of TRAF2 in human liver tissue lysate with TRAF2 polyclonal antibody (Cat # PAB13174) at (A) 0.5, (B) 1 and (C) 2 ug/mL .

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry of TRAF2 in human liver tissue with TRAF2 polyclonal antibody (Cat # PAB13174) at 2.5 ug/mL .

Gene Info — TRAF2

Entrez GeneID	7186
Protein Accession#	CAI15106
Gene Name	TRAF2
Gene Alias	MGC:45012, TRAP, TRAP3
Gene Description	TNF receptor-associated factor 2
Omim ID	601895
Gene Ontology	Hyperlink

Gene Summary	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 protein, and thus potentiate TNF-induced apoptosis. Multiple alternatively spliced transcript variants have been found for this gene, but the biological validity of only one transcript has been determined. [provided by RefSeq]
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Other Designations

OTTHUMP00000022625|OTTHUMP00000064745|tumor necrosis factor type 2 receptor associated protein 3

Publication Reference

- [TRAF6 is required for TRAF2-dependent CD40 signal transduction in nonhemopoietic cells.](#)

Davies CC, Mak TW, Young LS, Eliopoulos AG.

Molecular and Cellular Biology 2005 Nov; 25(22):9806.

Application: IP-WB, WB-Ce, WB-Tr, Human, Mouse, EJ, HEK 293, HeLa-CD40mT6 cells, Fibroblasts

- [TRAF2 differentially regulates the canonical and noncanonical pathways of NF-kappaB activation in mature B cells.](#)

Grech AP, Amesbury M, Chan T, Gardam S, Basten A, Brink R.

Immunity 2004 Nov; 21(5):629.

Application: WB, Mouse, B cells, Livers, T cells

- [Tumor necrosis factor receptor-associated factors \(TRAFs\)--a family of adapter proteins that regulates life and death.](#)

Arch RH, Gedrich RW, Thompson CB.

Genes & Development 1998 Sep; 12(18):2821.

Pathway

- [Adipocytokine signaling pathway](#)
- [Apoptosis](#)
- [MAPK signaling pathway](#)
- [Pathways in cancer](#)
- [Small cell lung cancer](#)

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)

- [Connective Tissue Diseases](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Fetal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [HIV Infections](#)
- [Hodgkin Disease](#)
- [Infant](#)
- [Infection](#)
- [Inflammation](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Metabolic Syndrome X](#)
- [Multiple Myeloma](#)
- [Musculoskeletal Diseases](#)
- [Neoplasms](#)
- [Occupational Diseases](#)
- [Osteoporosis](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Retinopathy of Prematurity](#)
- [Skin Diseases](#)
- [Waldenstrom Macroglobulinemia](#)

- [Werner syndrome](#)