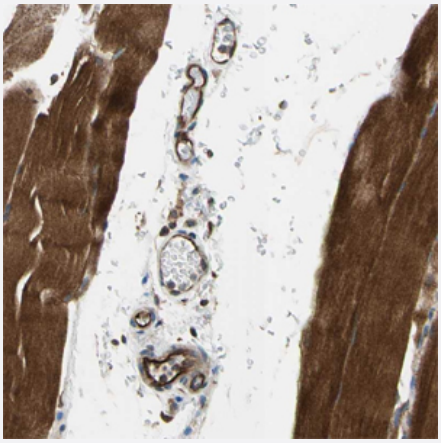
TRAF2 polyclonal antibody

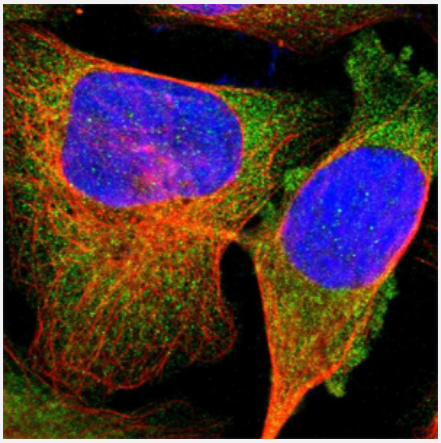
Catalog # PAB30527 Size 100 uL

Applications



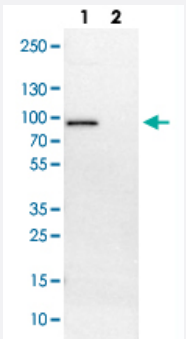
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human skeletal muscle with TRAF2 polyclonal antibody (Cat # PAB30527) shows strong positivity in endothelial cells and myocytes.



Immunofluorescence

Immunofluorescent staining of human cell line U-2 OS with TRAF2 polyclonal antibody (Cat # PAB30527) shows positivity in cytoplasm. Antibody staining is shown in green.



Western Blot (Cell lysate)

Western Blot (Cell lysate) analysis with TRAF2 polyclonal antibody (Cat # PAB30527)
Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells)
Lane 2: NBT-II cell lysate (Rat Wistar bladder tumour cells)

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Specification

Product Description	Rabbit polyclonal antibody raised against recombinant human TRAF2.
Immunogen	Recombinant protein corresponding to human TRAF2.
Sequence	KLEAKYLCSACRNVLRRPFQAQCGHRYCSFCLASILSSGPQNCAACVHEGIYEEGISILESSSAFP DNAARREVESLPAVCPSDGCTWKGTLKEYESCHEGRCPLMLTECPACKGLVRLGEKERHLEHE CPERSLSCRHCRAPC
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:20-1:50) Immunofluorescence (1-4 ug/mL) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. 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 shoul d be handled by trained staff only.

Applications

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- Western Blot (Cell lysate)

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  Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells)
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Gene Info — TRAF2

Entrez GeneID	7186
Protein Accession#	Q12933
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 unbiquitinate 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
Other Designations	OTTHUMP00000022625|OTTHUMP00000064745|tumor necrosis factor type 2 receptor associated protein 3

Pathway

- Adipocytokine signaling pathway
- Apoptosis
- MAPK signaling pathway
- Pathways in cancer

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- 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

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- Pregnancy Complications
- Premature Birth
- Retinopathy of Prematurity
- Skin Diseases
- Waldenstrom Macroglobulinemia
- Werner syndrome

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