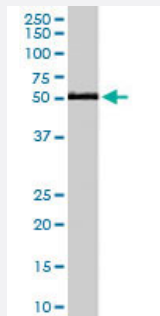


TRAF1 polyclonal antibody

Catalog # PAB6988

Size 100 ug

Applications



Western Blot (Cell lysate)

TRAF1 polyclonal antibody (Cat # PAB6988) (0.5 ug/mL) staining of U-937 cell lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of TRAF1.

Immunogen A synthetic peptide corresponding to human TRAF1.

Sequence C-KLQSPKHAYVKDD

Host Goat

Theoretical MW (kDa) 46.2

Reactivity Human

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage
 ELISA (1:16000)
 Western Blot (0.3-1 ug/mL)
 The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	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 (Cell lysate)

TRAF1 polyclonal antibody (Cat # PAB6988) (0.5 ug/mL) staining of U-937 cell lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — TRAF1

Entrez GeneID	7185
Protein Accession#	NP_005649.1
Gene Name	TRAF1
Gene Alias	EBI6, MGC:10353
Gene Description	TNF receptor-associated factor 1
Omim ID	601711
Gene Ontology	Hyperlink

Gene Summary	The protein encoded by this gene is a member of the TNF receptor (TNFR) associated factor (TRAF) protein family. TRAF proteins associate with, and mediate the signal transduction from various receptors of the TNFR superfamily. This protein and TRAF2 form a heterodimeric complex, which is required for TNF-alpha-mediated activation of MAPK8/JNK and NF-kappaB. The protein complex formed by this protein and TRAF2 also interacts with inhibitor-of-apoptosis proteins (IAPs), and thus mediates the anti-apoptotic signals from TNF receptors. The expression of this protein can be induced by Epstein-Barr virus (EBV). EBV infection membrane protein 1 (LMP1) is found to interact with this and other TRAF proteins; this interaction is thought to link LMP1-mediated B lymphocyte transformation to the signal transduction from TNFR family receptors. [provided by RefSeq]
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Other Designations	Epstein-Bar virus-induced protein 6 OTTHUMP00000022000
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Publication Reference

- [TNF receptor-associated factor-1 \(TRAF1\) negatively regulates Toll/IL-1 receptor domain-containing adaptor inducing IFN-beta \(TRIF\)-mediated signaling.](#)

Su X, Li S, Meng M, Qian W, Xie W, Chen D, Zhai Z, Shu HB.

European Journal of Immunology 2006 Jan; 36(1):199.

Pathway

- [Pathways in cancer](#)
- [Small cell lung cancer](#)

Disease

- [Alopecia Areata](#)
- [Alzheimer disease](#)
- [Arthritis](#)
- [Atherosclerosis](#)
- [Autoimmune Diseases](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
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- [Giant Cell Arteritis](#)

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