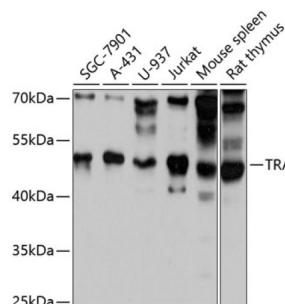


TNF Receptor-Associated Factor 1 (TRAF1) Antibody

Catalogue No.: abx000575



Western blot analysis of extracts of various cell lines using TRAF1 Antibody (1/3000 dilution).

TRAF1 Antibody is a Rabbit Polyclonal antibody against TRAF1. TRAF1 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. TRAF1 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. TRAF1 is observed at 45-50 kDa in western blotting, and the additional bands of lower molecular weight (~30 kDa) may represent TRAF1 cleavage fragments, similar to the results obtained by the article (PMID:11098060).

Target: TNF Receptor-Associated Factor 1 (TRAF1)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: WB

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant fusion protein corresponding to human TRAF1

Isotype: IgG

Form: Liquid

Purification: Purified by affinity chromatography.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

Datasheet

Version: 4.0.0
Revision date: 06 Mar 2025



UniProt Primary AC: Q13077 ([UniProt](#), [ExPASy](#))

Gene Symbol: TRAF1

GeneID: [7185](#)

NCBI Accession: NP_005649.1

KEGG: hsa:7185

String: [9606.ENSP00000362994](#)

Molecular Weight: Calculated MW: 33 kDa/46 kDa
Observed MW: 50 kDa

Buffer: PBS, pH 7.3, containing 0.01% thiomersal, 50% glycerol.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only