Datasheet for ABIN1683118

anti-TRAF1 antibody (AA 217-416)

2 Images

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Overview

Quantity:	100 µg
Target:	TRAF1
Binding Specificity:	AA 217-416
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRAF1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 217-416 of human TRAF1 (NP_005649.1).
Sequence:	TSIHQSQLDR ERILSLEQRV VELQQTLAQK DQALGKLEQS LRLMEEASFD GTFLWKITNV TRRCHESACG RTVSLFSPAF YTAKYGYKLC LRLYLNGDGT GKRTHLSLFI VIMRGEYDAL LPWPFRNKVT FMLLDQNNRE HAIDAFRPDL SSASFQRPQS ETNVASGCPL FFPLSKLQSP KHAYVKDDTM FLKCIVETST
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	TRAF1
Alternative Name:	TRAF1 (TRAF1 Products)
Background:	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. Three transcript variants encoding two different isoforms have been found for this gene.,TRAF1,EBI6,MGC:10353,Epigenetics & Nuclear Signaling,Cancer,Signal Transduction,Kinase,Cell Biology & Developmental Biology,Apoptosis,Cell Cycle,Growth factor,TNF,TRAF1
Molecular Weight:	33 kDa/46 kDa
Gene ID:	7185
UniProt:	Q13077
Pathways:	NF-kappaB Signaling, Apoptosis, Cell-Cell Junction Organization, Asymmetric Protein Localization

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

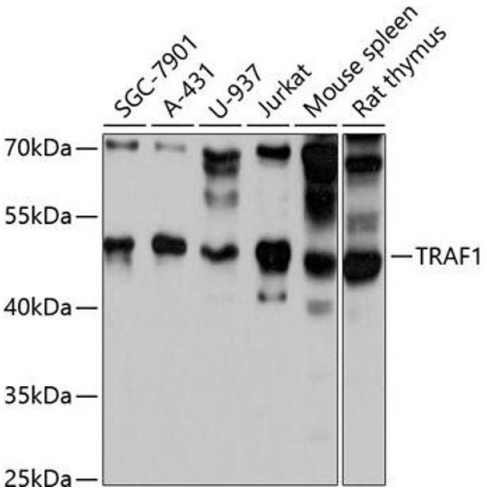
Handling

Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

Handling

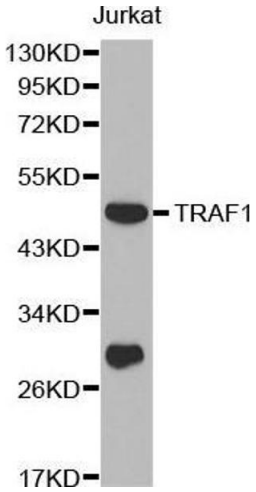
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using TR antibody (ABIN1683118, ABIN3015094, ABIN3015095 and ABIN6213637) at 1:3000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 10s.



Western Blotting

Image 2. Western blot analysis of extracts of Jurkat cell line, using TRAF1 antibody.