Datasheet for ABIN7270834

anti-TRAF2 antibody

2 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	TRAF2
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This TRAF2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	TRAF2 Rabbit mAb
Immunogen:	A synthesized peptide derived from human TRAF2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	TRAF2
Alternative Name:	TRAF2 (TRAF2 Products)
Background:	The protein encoded by this gene is a member of the TNF receptor associated factor (TRAF)

Target Details

	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, Jul 2008],MGC:45012,TRAP,TRAP3,TRAF2,Apoptosis,Apoptosis_Inhibition of Apoptosis,Autophagy,Cancer,Cardiovascular,Cell Biology & Developmental Biology,Death Receptor Signaling Pathway,Growth factors,Growth factors_TNF,Immunology & Inflammation,MAPK-JNK Signaling Pathway,MAPK-P38 Signaling Pathway,NF-kB Signaling Pathway,Signal Transduction,TRAF2
Molecular Weight:	53kDa
Gene ID:	7186
UniProt:	Q12933
Pathways:	NF-kappaB Signaling, Apoptosis, Caspase Cascade in Apoptosis, Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process, Production of Molecular Mediator of Immune Response, Positive Regulation of Endopeptidase Activity, Hepatitis C, Unfolded Protein Response, S100 Proteins

Application Details

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

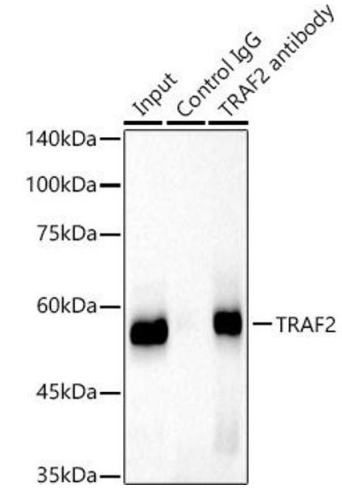
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide

Handling

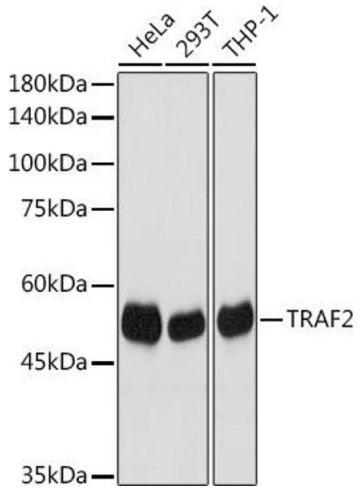
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Immunoprecipitation

Image 1. Immunoprecipitation analysis of 300 µg extracts of HeLa cells using 3 µg TR antibody . Western blot was performed from the immunoprecipitate using TR antibody at a dilition of 1:50000.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using TR antibody at 1:1000 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: 90s.