

Datasheet for ABIN4914798

anti-TRAF2 antibody[Go to Product page](#)**1** Image

Overview

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

Product Details

Immunogen:	This TRAF2 monoclonal antibody is generated from mouse immunized with TRAF2 recombinant protein.
Clone:	4C4
Isotype:	IgG1
Cross-Reactivity:	Human
Purification:	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Target Details

Target:	TRAF2
Alternative Name:	TRAF2 (TRAF2 Products)

Target Details

Background:	<p>Synonyms: TRAP, TRAP3, MGC:45012, TNF receptor-associated factor 2, E3 ubiquitin-protein ligase TRAF2, Tumor necrosis factor type 2 receptor-associated protein 3, TRAF2</p> <p>Background: Regulates activation of NF-kappa-B and JNK and plays a central role in the regulation of cell survival and apoptosis. Required for normal antibody isotype switching from IgM to IgG. Has E3 ubiquitin-protein ligase activity and promotes 'Lys-63'-linked ubiquitination of target proteins, such as BIRC3, RIPK1 and TICAM1. Is an essential constituent of several E3 ubiquitin-protein ligase complexes, where it promotes the ubiquitination of target proteins by bringing them into contact with other E3 ubiquitin ligases. Regulates BIRC2 and BIRC3 protein levels by inhibiting their autoubiquitination and subsequent degradation, this does not depend on the TRAF2 RING-type zinc finger domain. Plays a role in mediating activation of NF-kappa-B by EIF2AK2/PKR. In complex with BIRC2 or BIRC3, promotes ubiquitination of IKBKE.</p>
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 1:300-5000 IF()
Restrictions:	For Research Use only

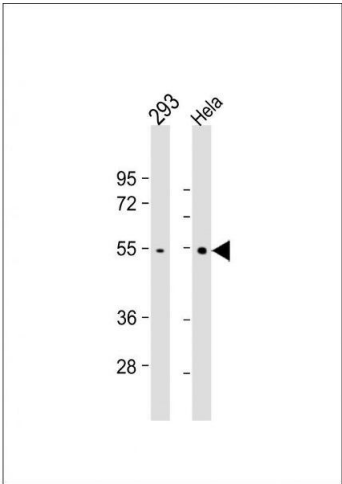
Handling

Format:	Liquid
Concentration:	0.5 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C

Handling

Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months

Images



Western Blotting

Image 1. Lane 1: 293, Lane 2: HeLa whole cell lysate at 20 µg per lane, probed with TRAF2 (214CT16.3.4) Monoclonal Antibody, unconjugated (bsm-51060M) at 1:1000 overnight at 4°C followed by a conjugated secondary antibody for 60 minutes at 37°C.