

# [KO Validated] TRAF2 Rabbit pAb

Catalog No.: A0962 **KO Validated** **7 Publications**

## Basic Information

### Catalog No.

A0962

### Observed MW

54kDa

### Calculated MW

53kDa/54kDa/55kDa/61kDa

### Category

Primary antibody

### Applications

WB, IF, IP

### Cross-Reactivity

Human, Mouse, Rat

## Recommended Dilutions

<b>WB</b>	1:500 - 1:2000
<b>IF</b>	1:50 - 1:100
<b>IP</b>	1:50 - 1:100

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Background

The protein encoded by this gene is a member of the TNF receptor associated factor (TRAF) 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 ubiquitinate 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.

## Immunogen Information

<b>Gene ID</b>	<b>Swiss Prot</b>
7186	Q12933

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human TRAF2 (NP\_066961.2).

### Synonyms

MGC:45012;TRAP;TRAP3;TRAF2

## Product Information

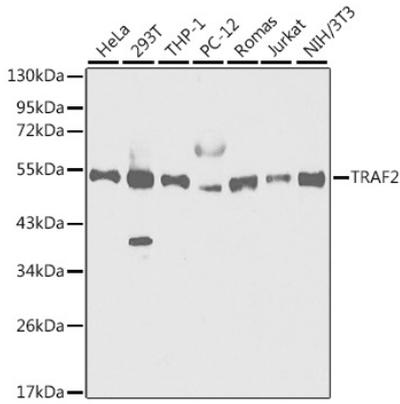
<b>Source</b>	<b>Isotype</b>	<b>Purification</b>
Rabbit	IgG	Affinity purification

### Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Validation Data

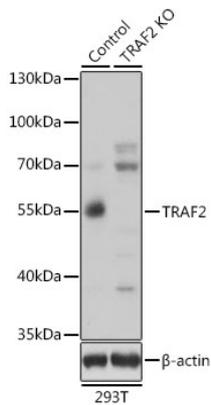


Western blot analysis of extracts of various cell lines, using TRAF2 antibody (A0962) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.



Western blot analysis of extracts from normal (control) and TRAF2 knockout (KO) 293T cells, using TRAF2 antibody (A0962) at 1:1000 dilution.

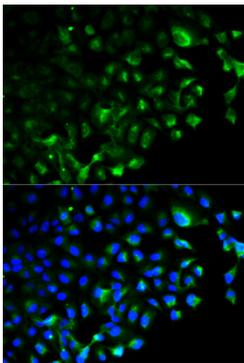
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 6s.



Immunofluorescence analysis of HeLa cells using TRAF2 antibody (A0962). Blue: DAPI for nuclear staining.