

# TRAF3 Rabbit pAb

Catalog No.: A3094

## Basic Information

**Observed MW**

70kDa

**Calculated MW**

64kDa

**Category**

Primary antibody

**Applications**

ELISA,WB,IHC-P,IF/ICC

**Cross-Reactivity**

Human, Mouse, Rat

## 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 (TNFR) superfamily. This protein participates in the signal transduction of CD40, a TNFR family member important for the activation of the immune response. This protein is found to be a critical component of the lymphotoxin-beta receptor (LTbetaR) signaling complex, which induces NF-kappaB activation and cell death initiated by LTbeta ligation. Epstein-Barr virus encoded latent infection membrane protein-1 (LMP1) can interact with this and several other members of the TRAF family, which may be essential for the oncogenic effects of LMP1. The protein also plays a role in the regulation of antiviral response. Mutations in this are associated with Encephalopathy, acute, infection-induced, herpes-specific 5.

## Recommended Dilutions

|               |                |
|---------------|----------------|
| <b>WB</b>     | 1:200 - 1:1000 |
| <b>IHC-P</b>  | 1:50 - 1:200   |
| <b>IF/ICC</b> | 1:50 - 1:200   |

## Immunogen Information

|                |                   |
|----------------|-------------------|
| <b>Gene ID</b> | <b>Swiss Prot</b> |
| 7187           | Q13114            |

**Immunogen**

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human TRAF3 (NP\_003291.2).

**Synonyms**

CAP1; LAP1; CAP-1; CRAF1; IIAE5; CD40bp; RNF118; TRAF3

## Contact

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

## Product Information

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

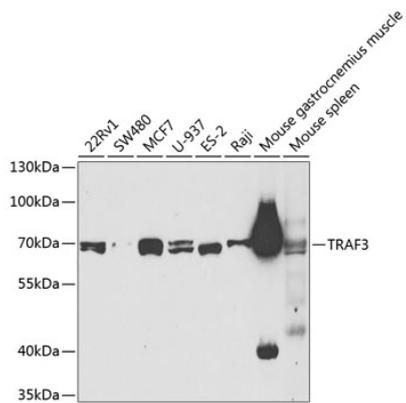
**Storage**

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

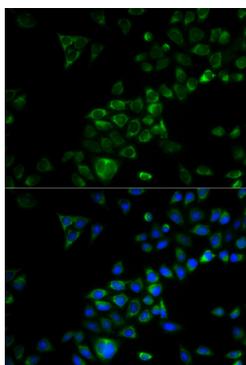
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using TRAF3 antibody (A3094) at 1:400 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



Immunofluorescence analysis of HeLa cells using TRAF3 antibody (A3094). Blue: DAPI for nuclear staining.