

# TRAF3 Monoclonal antibody

Catalog Number: 66310-1-Ig

Featured Product

15 Publications

## Basic Information

## Catalog Number:

66310-1-Ig

## Size:

2800 ug/ml

## Source:

Mouse

## Isotype:

IgG2a

## Immunogen Catalog Number:

AG12185

## GenBank Accession Number:

BC075087

## GeneID (NCBI):

7187

## UNIPROT ID:

Q13114

## Full Name:

TNF receptor-associated factor 3

## Calculated MW:

568 aa, 64 kDa

## Observed MW:

64 kDa

## Purification Method:

Protein A purification

## CloneNo.:

1E3F4

## Recommended Dilutions:

WB 1:500-1:2000

IHC 1:200-1:800

IF/ICC 1:200-1:800

## Applications

## Tested Applications:

WB, IHC, IF/ICC, ELISA

## Cited Applications:

WB, IHC, IF, IP, CoIP

## Species Specificity:

human

## Cited Species:

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Positive Controls:

**WB:** A549 cells, LPS treated U-937 cells, HEK-293 cells, Raji cells, Jurkat cells, NCI-H1299 cells

**IHC:** human lymphoma tissue,

**IF/ICC:** HeLa cells,

## Background Information

TNF receptor-associated factor 3 (TRAF3) has many alternative names including CAP-1, CD40 receptor-associated factor 1 (CRAF1), CD40-binding protein (CD40BP) and LMP1-associated protein 1 (LAP1). TRAF3 regulates pathways leading to the activation of NF-kappa-B and MAP kinases, and plays a central role in the regulation of innate immune response. It modulates signaling pathways leading to the production of cytokines and interferon. As an essential constituent of several E3 ubiquitin-protein ligase complexes, TRAF3 promote 'Lys-63'-linked ubiquitination of target proteins. Moreover, TRAF3 undergoes both 'Lys-48'-linked and 'Lys-63'-linked ubiquitination in response to various stimuli and is deubiquitinated by OTUB1, OTUB2 and OTUD5.

## Notable Publications

Author	Pubmed ID	Journal	Application
Xinyue Du	33061854	Cancer Cell Int	WB
Jianqiao Hong	34000381	Free Radic Biol Med	IHC
Sujie Dong	35499322	J Virol	WB

## Storage

## Storage:

Store at -20°C. Stable for one year after shipment.

## Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

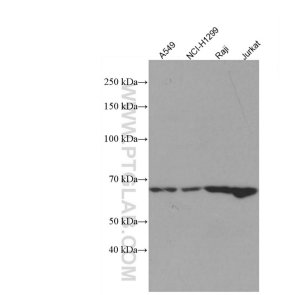
For technical support and original validation data for this product please contact:

T: 4006900926

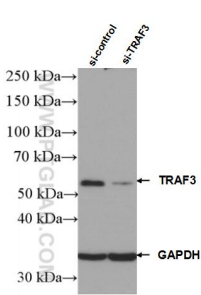
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

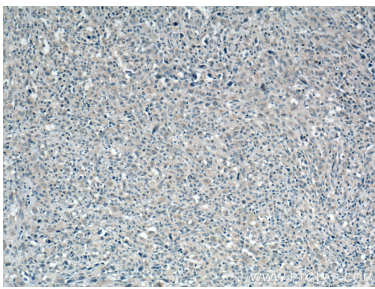
Selected Validation Data



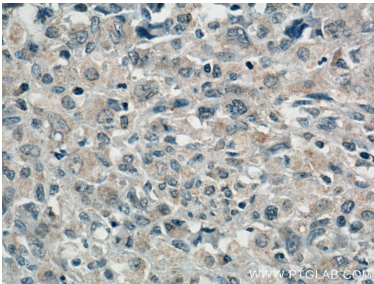
Various lysates were subjected to SDS PAGE followed by western blot with 66310-1-Ig (TRAF3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



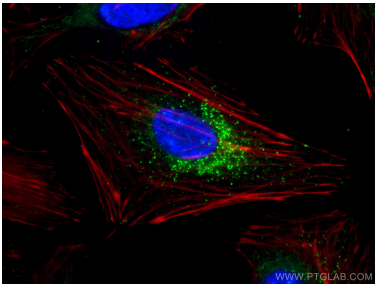
WB result of TRAF3 antibody (66310-1-Ig; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-TRAF3 transfected HEK-293 cells.



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 66310-1-Ig (TRAF3 antibody) at dilution of 1:400 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 66310-1-Ig (TRAF3 antibody) at dilution of 1:400 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using TRAF3 antibody (66310-1-Ig, Clone: 1E3F4 ) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).