

For Research Use Only

TRAF3 Polyclonal antibody

Catalog Number: 18099-1-AP

Featured Product

14 Publications



Basic Information

Catalog Number:

18099-1-AP

Size:

150ul , Concentration: 800 µg/ml by Nanodrop and 420 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12185

GenBank Accession Number:

BC075087

GeneID (NCBI):

7187

Full Name:

TNF receptor-associated factor 3

Calculated MW:

568 aa, 64 kDa

Observed MW:

55-60 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB

Applications

Tested Applications:

FC, IP, WB, ELISA

Cited Applications:

IF, WB

Species Specificity:

human

Cited Species:

human, mouse, pig, rat, sheep

Positive Controls:

WB : HEK-293 cells, multi-cells , HeLa cells, COLO 320 cells, Raji cells

IP : Raji 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. Several alternatively spliced transcript variants encoding distinct isoforms (64 kDa and 55 kDa) have been reported.

Notable Publications

Author	Pubmed ID	Journal	Application
Hai-Wei Chen	26456228	Sci Rep	WB
Yanli Wei	33028715	J Virol	WB
Jun Kang	33148796	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

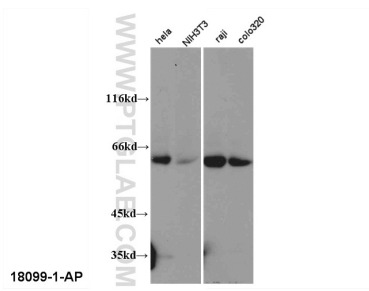
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

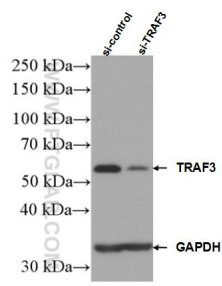
E: proteintech@ptglab.com
W: ptglab.com

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

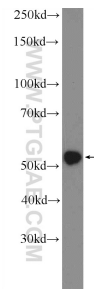
Selected Validation Data



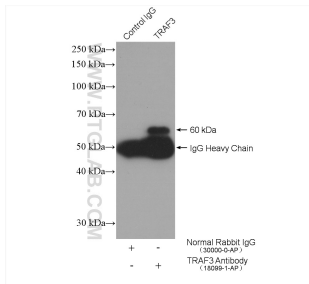
WB results of 18099-1-aP (anti TRAF3).



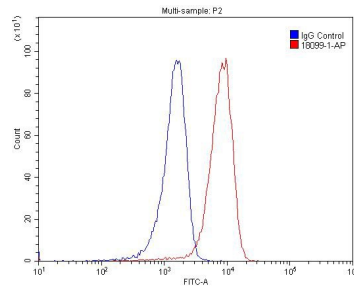
WB result of TRAF3 antibody (18099-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-TRAF3 transfected HEK-293 cells.



HEK-293 cells were subjected to SDS PAGE followed by western blot with 18099-1-AP (TRAF3 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-TRAF3 (IP:18099-1-AP, 4ug; Detection:18099-1-AP 1:1000) with Raji cells lysate 3160 ug.



1×10^6 Jurkat cells were stained with 0.2ug TRAF3 antibody (18099-1-AP, red) and control antibody (blue). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500. Cells were fixed with 4% PFA and permeabilized with 0.1% Triton X-100.