For Research Use Only

TRAF3
Polyclonal ANTI BODY
Catalog Number: 18099-1-AP

Basic Information
Catalog Number: 18099-1-AP
GenBank Accession Number: BC076697
GeneID (NCBI): 7187
Recommended Dilutions:
WB: 1:500-1:1000
IP: 0.5-4.0 μg for IP and 1:500-1:1000 for WB

Size:
63 μg/150 μl
Source:
Rabbit
Isotype:
IgG
Purification Method:
Antigen affinity purification
Immunogen Catalog Number:
AG12185
GenBank Accession Number:
BC075087
GeneID (NCBI):
7187
Calculated MW:
568aa, 64 kDa
Observed MW:
55-60 kDa

Applications
Tested Applications:
FC, IP, WB, ELISA
Cited Applications:
WB
Species Specificity:
human
Cited Species:
human, sheep

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-κappa-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 interferons. As an essential constituent of several E3 ubiquitin-protein ligase complexes, TRAF3 promotes '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

<table>
<thead>
<tr>
<th>Author</th>
<th>PubMed ID</th>
<th>Journal</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hai-Wei Chen</td>
<td>26456228</td>
<td>Sci Rep</td>
<td>WB</td>
</tr>
<tr>
<td>Zhongjia Jiang</td>
<td>28553017</td>
<td>Mediators Inflamm</td>
<td>WB</td>
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<td>Hong Yao</td>
<td>28377715</td>
<td>Front Pharmacol</td>
<td>WB</td>
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</tbody>
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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 (312) 455-5958 (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).**

**IP Result of anti-TRAF3 (IP:18099-1-AP, 4ug; Detection:18099-1-AP 1:800) with Raji cells lysate 2000ug.**

**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.**

**1X10^6 Jurkat cells were stained with 0.2ug TRAF3 antibody (18099-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min), Alexa Fluor 488-conjugated Anti-rabbit IgG (1:1500) with dilution 1:1000.