

For Research Use Only

# TRAF3IP1 Polyclonal antibody

Catalog Number: 14404-1-AP

1 Publications



## Basic Information

### Catalog Number:

14404-1-AP

### Size:

300 µg/ml

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG5677

### GenBank Accession Number:

BC059174

### GeneID (NCBI):

26146

### UNIPROT ID:

Q8TDR0

### Full Name:

TNF receptor-associated factor 3 interacting protein 1

### Calculated MW:

79 kDa

### Observed MW:

83 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:200-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

IF/ICC 1:10-1:100

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB, IF

### Species Specificity:

human, mouse, rat

### Cited Species:

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 : HEK-293 cells,

IP : HeLa cells,

IHC : human breast cancer tissue, human cervical cancer tissue

IF/ICC : NIH/3T3 cells,

## Background Information

TRAF3IP1, also known as MIPT3, was initially characterized through its interactions with tubulin, actin, TNFR-associated factor-3 (Traf3), IL-13R1, and DISC1. It functions as an inhibitor of IL-13-mediated phosphorylation of Stat6 and in sequestration of Traf3 and DISC1 to the cytoskeleton.

## Notable Publications

Author	Pubmed ID	Journal	Application
Ewud Agborbesong	38892227	Int J Mol Sci	WB,IF

## 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:

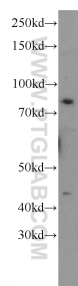
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

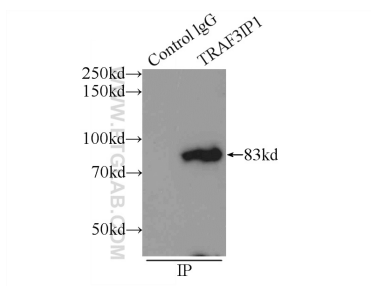
W: [ptgcn.com](http://ptgcn.com)

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

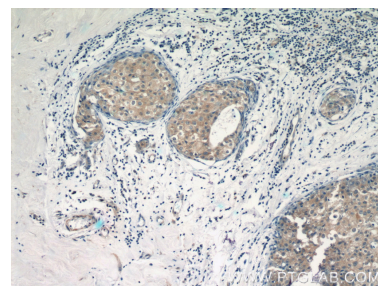
## Selected Validation Data



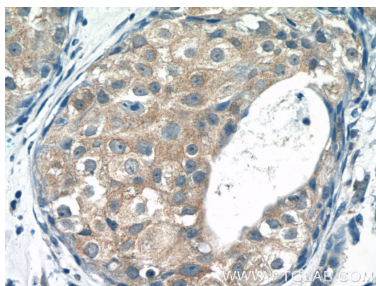
HEK-293 cells were subjected to SDS PAGE followed by western blot with 14404-1-AP (TRAF3IP1 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



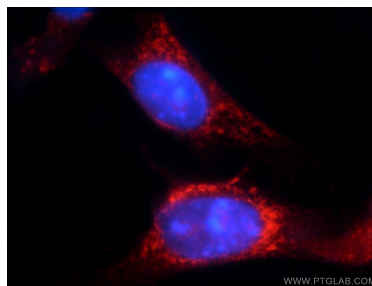
IP result of anti-TRAF3IP1 (IP:14404-1-AP, 3ug; Detection:14404-1-AP 1:300) with HeLa cells lysate 2000ug.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 14404-1-AP (TRAF3IP1 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 14404-1-AP (TRAF3IP1 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of NIH/3T3 cells using 14404-1-AP (TRAF3IP1 antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.