

For Research Use Only

TRAF3IP1 Polyclonal antibody

Catalog Number: 14404-1-AP

1 Publications



Basic Information

Catalog Number:

14404-1-AP

Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 240 ug/ml by Bradford method using BSA as the standard;

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 ug 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

*** 20ul sizes contain 0.1% BSA

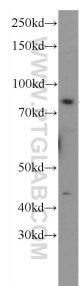
For technical support and original validation data for this product please contact:

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

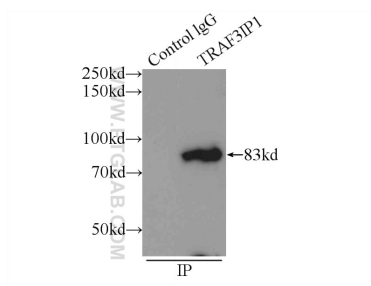
E: proteintech@ptglab.com
W: ptglab.com

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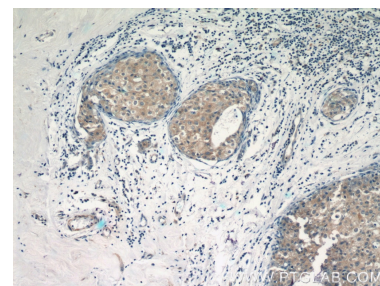
Selected Validation Data



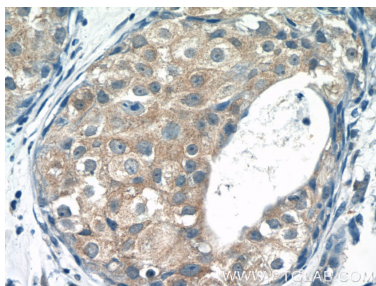
HEK-293 cells were subjected to SDS PAGE followed by western blot with 14404-1-AP (TRAF3IP1 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



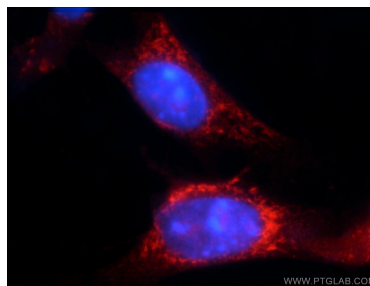
IP result of anti-TRAF3IP1 (IP:14404-1-AP, 3ug; Detection:14404-1-AP 1:300) with HeLa cells lysate 2000ug.



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.