

For Research Use Only

TRIM26 Polyclonal antibody

Catalog Number: 27013-1-AP

Featured Product

8 Publications



Basic Information

Catalog Number:

27013-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25546

GenBank Accession Number:

BC024039

GeneID (NCBI):

7726

UNIPROT ID:

Q12899

Full Name:

tripartite motif-containing 26

Calculated MW:

62 kDa

Observed MW:

62 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

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

IHC 1:50-1:500

Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

WB, IHC, IF, IP

Species Specificity:

human, mouse

Cited Species:

human, mouse, pig

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-293T cells, mouse testis tissue, RAW 264.7 cells, HeLa cells, HepG2 cells

IP: HeLa cells,

IHC: human pancreas cancer tissue, human liver cancer tissue

Background Information

TRIM26 is a member of the tripartite motif (TRIM) protein family composed of more than 70 members in human. TRIM proteins share a similar characteristic structure, which includes a RING (R) domain, one or two B-boxes (B), and a coiled coil (CC) domain in the N-terminal and a domain in the C-terminal with variable structures. TRIM26 potentiates virus-triggered IRF3, NF- κ B activation, IFN- β induction, and cellular antiviral responses. Further investigation suggests that TRIM26 plays an important role in the antiviral innate immune response by bridging TBK1 to NEMO and mediating TBK1 activation. (PMID: 25763818, PMID: 26611359)

Notable Publications

Author	Pubmed ID	Journal	Application
Pandeng Zhao	35077707	Virus Res	WB
Xianyu Dai	39432593	Medicine (Baltimore)	WB
Tingting Li	38926362	Cell Death Dis	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

*** 20ul sizes contain 0.1% BSA

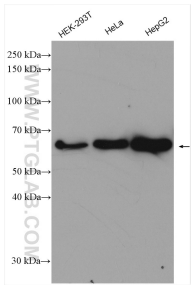
For technical support and original validation data for this product please contact:

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

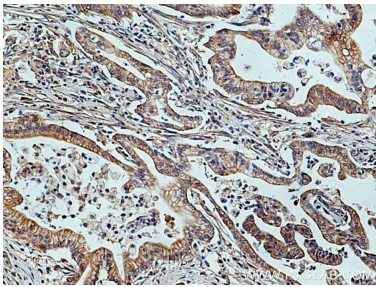
E: proteintech@ptglab.com
W: ptglab.com

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

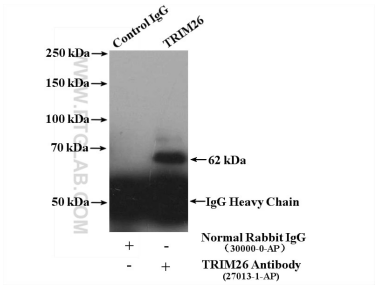
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27013-1-AP (TRIM26 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 27013-1-AP (TRIM26 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-TRIM26 (IP:27013-1-AP, 4ug; Detection:27013-1-AP 1:300) with HeLa cells lysate 2400ug.