

For Research Use Only

# TRIM26 Polyclonal antibody

Catalog Number: 27013-1-AP

Featured Product

8 Publications



## Basic Information

### Catalog Number:

27013-1-AP

### Size:

500 µg/ml

### 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 µg 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- $\kappa$ B activation, IFN- $\beta$  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

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

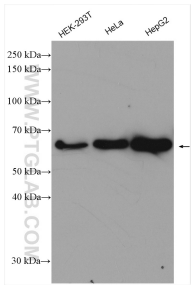
T: 4006900926

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

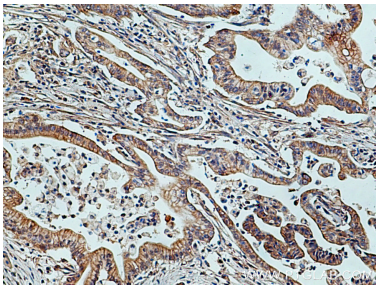
W: [ptgcn.com](http://ptgcn.com)

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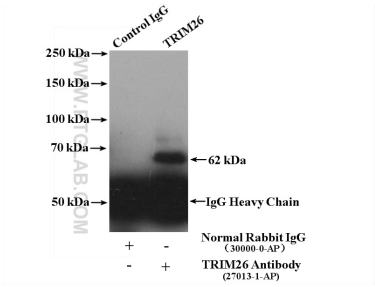
Selected Validation Data



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.