

For Research Use Only

# TRIM47 Polyclonal antibody

Catalog Number: 26885-1-AP

Featured Product

11 Publications



## Basic Information

### Catalog Number:

26885-1-AP

### Size:

150ul, Concentration: 650 ug/ml by Nanodrop and 367 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG22868

### GenBank Accession Number:

BC017299

### GeneID (NCBI):

91107

### UNIPROT ID:

Q96LD4

### Full Name:

tripartite motif-containing 47

### Calculated MW:

638 aa, 70 kDa

### Observed MW:

70 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 1:200-1:800

## Applications

### Tested Applications:

WB, IHC, IP, ELISA

### Cited Applications:

WB, IHC, IF, IP, CoIP

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse, rat

**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: U2OS cells,

IP: U2OS cells,

IHC: human colon cancer tissue, human kidney tissue, mouse colon tissue, rat kidney tissue

## Background Information

TRIM47/GOA is a member of the tripartite motif RBCC/Trim domain family that contains a RING-finger domain, B-boxes, and an alpha-helical coiled-coil region. TRIM47/GOA was identified as a protein overexpressed in astrocytoma tumor cells and is thought to play a role in dedifferentiation associated with tumorigenesis.

## Notable Publications

Author	Pubmed ID	Journal	Application
Xi Wang	36288633	Clinics (Sao Paulo)	WB,IHC,IF
Zifan Wang	36203070	In Vitro Cell Dev Biol Anim	WB,IHC
Yisong Qian	35513381	Signal Transduct Target Ther	WB,IHC,IP

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

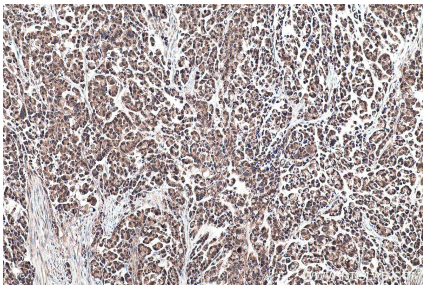
For technical support and original validation data for this product please contact:

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

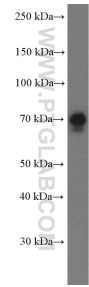
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

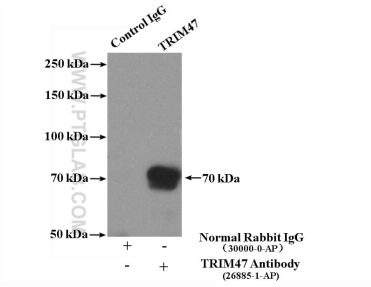
Selected Validation Data



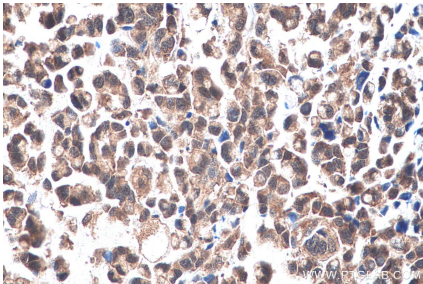
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 26885-1-AP (TRIM47 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



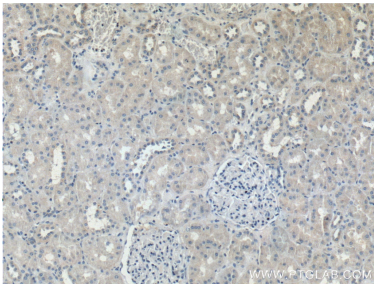
U2OS cells were subjected to SDS PAGE followed by western blot with 26885-1-AP (TRIM47 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



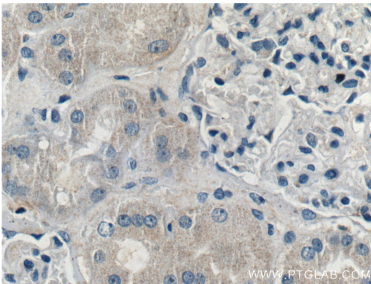
IP result of anti-TRIM47 (IP:26885-1-AP, 4ug; Detection:26885-1-AP 1:300) with U2OS cells lysate 2000ug.



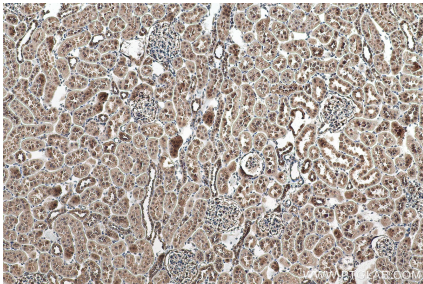
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 26885-1-AP (TRIM47 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



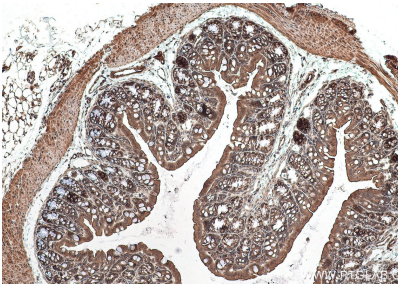
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 26885-1-AP (TRIM47 Antibody) at dilution of 1:200 (under 10x lens).



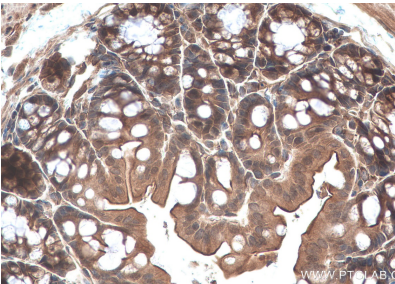
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 26885-1-AP (TRIM47 Antibody) at dilution of 1:200 (under 40x lens).



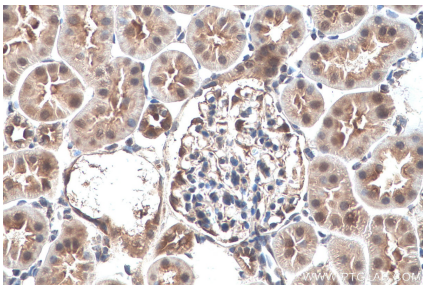
Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using 26885-1-AP (TRIM47 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 26885-1-AP (TRIM47 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 26885-1-AP (TRIM47 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using 26885-1-AP (TRIM47 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).