

For Research Use Only

# TRIM31 Polyclonal antibody

Catalog Number: 12543-1-AP

Featured Product

13 Publications



## Basic Information

**Catalog Number:**

12543-1-AP

**Size:**

150ul, Concentration: 1000 µg/ml by Nanodrop;

**Source:**

Rabbit

**IsoType:**

IgG

**Immunogen Catalog Number:**

AG3264

**GenBank Accession Number:**

BC017017

**GeneID (NCBI):**

11074

**UNIPROT ID:**

Q9BZY9

**Full Name:**

tripartite motif-containing 31

**Calculated MW:**

425 aa, 48 kDa

**Observed MW:**

48 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

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

## Applications

**Tested Applications:**

IP, WB, ELISA

**Cited Applications:**

IF, IHC, IP, WB

**Species Specificity:**

human

**Cited Species:**

human, rat, mouse

**Positive Controls:**

WB : COLO 320 cells,

IP : HT-29 cells,

## Background Information

TRIM31 (Tripartite motif-containing protein 31) is also named as C6orf13, RNF and belongs to the TRIM/RBCC family. The deduced protein contains an N-terminal RING domain, a B-box-2 domain, and a coiled-coil region. TRIM31 forms homodimers (PMID:11331580). This protein has 2 isoforms produced by alternative splicing.

## Notable Publications

Author	Pubmed ID	Journal	Application
Wei Zhao	32929041	J Immunol	WB
Yafei Guo	34650049	Cell Death Dis	WB, IHC
Eun A Ra	27216961	Nat Commun	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

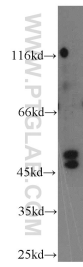
For technical support and original validation data for this product please contact:

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

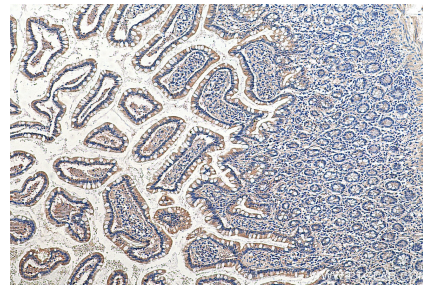
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

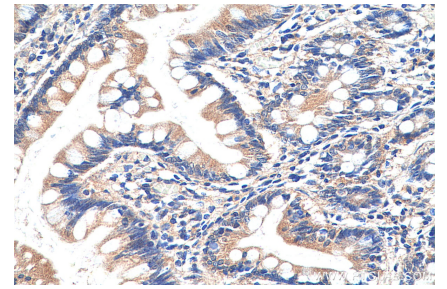
## Selected Validation Data



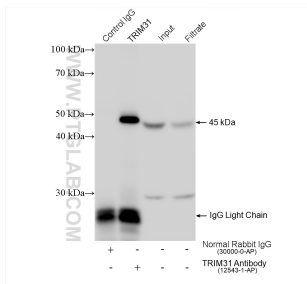
COLO 320 cells were subjected to SDS PAGE followed by western blot with 12543-1-AP (TRIM31 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 12543-1-AP (TRIM31 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 12543-1-AP (TRIM31 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-TRIM31 (IP:12543-1-AP, 4ug; Detection:12543-1-AP 1:2000) with HT-29 cells lysate 1040 ug.