

For Research Use Only

TRIM31 Polyclonal antibody

Catalog Number: 12543-1-AP

Featured Product

18 Publications



Basic Information

Catalog Number:

12543-1-AP

Size:

150ul, Concentration: 1000 ug/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

IHC 1:200-1:1000

Applications

Tested Applications:

WB, IHC, IP, ELISA

Cited Applications:

WB, IHC, IF, IP

Species Specificity:

human

Cited Species:

human, mouse, rat

Positive Controls:

WB : COLO 320 cells,

IP : HT-29 cells,

IHC : human small intestine tissue, Human Colon cancer tissue

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

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

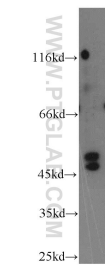
For technical support and original validation data for this product please contact:

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

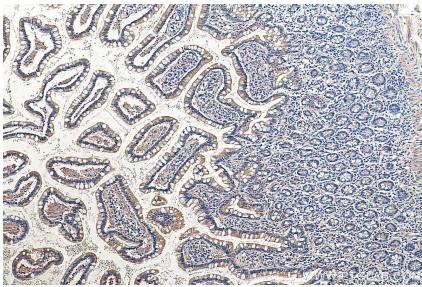
E: proteintech@ptglab.com
W: ptglab.com

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

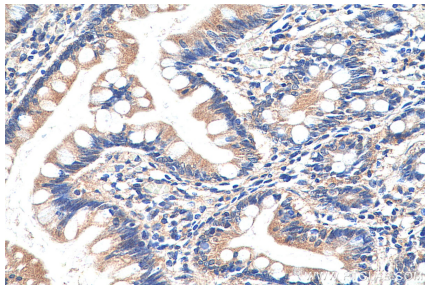
Selected Validation Data



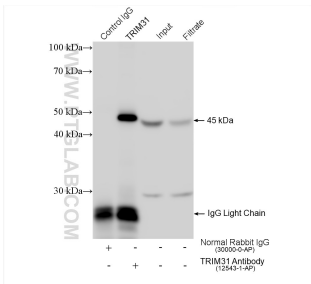
COLO 320 cells were subjected to SDS PAGE followed by western blot with 12543-1-AP (TRIM31 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



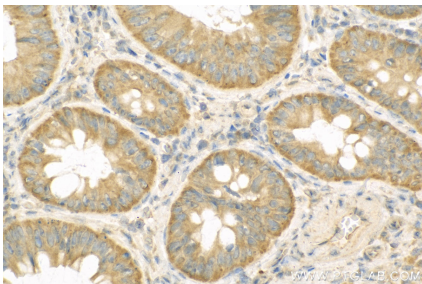
Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 12543-1-AP (TRIM31 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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.



Immunohistochemical analysis of paraffin-embedded Human Colon cancer tissue slide using 12543-1-AP (TRIM31 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).