

For Research Use Only

# TRIM14 Polyclonal antibody

Catalog Number: 15742-1-AP

Featured Product

15 Publications



## Basic Information

### Catalog Number:

15742-1-AP

### Size:

150ul, Concentration: 740 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG8158

### GenBank Accession Number:

BC006333

### GeneID (NCBI):

9830

### UNIPROT ID:

Q14142

### Full Name:

tripartite motif-containing 14

### Calculated MW:

442 aa, 50 kDa

### Observed MW:

50 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

IF/ICC 1:200-1:800

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Cited Applications:

WB, IHC, IF, IP

### Species Specificity:

human

### Cited Species:

human, mouse

**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 : L02 cells, HL-60 cells, HepG2 cells, Jurkat cells

IHC : human liver tissue,

IF/ICC : HeLa cells,

## Background Information

Tripartite motif-containing 14 (TRIM14) belongs to the TRIM protein family that contains 3 zinc-binding domains, a RING, a B-box type1 and a B-box type2 and plays key roles in cellular proliferation, differentiation, development, transformation, and immune response mechanisms. TRIM4 inhibits the transcriptional activity of SPI1 in a dose-dependent manner. It may participate in the early stages of differentiation of embryonic stem cells, leading to the formation of embryoid bodies.

## Notable Publications

Author	Pubmed ID	Journal	Application
Hui Cheng	34656078	Mol Med	WB
Yu-Yun Kuo	36202175	Life Sci	WB
Yuan Chen	36323918	Hum Cell	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

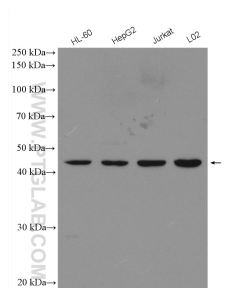
For technical support and original validation data for this product please contact:

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

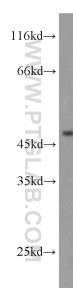
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

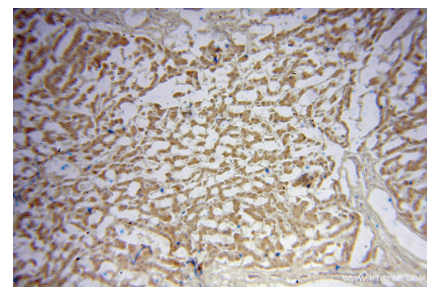
## Selected Validation Data



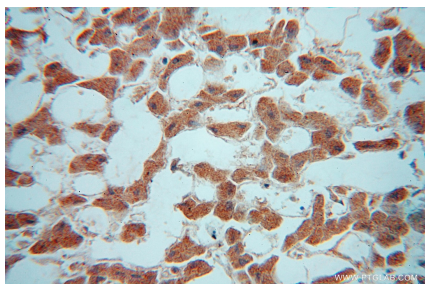
Various lysates were subjected to SDS PAGE followed by western blot with 15742-1-AP (TRIM14 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



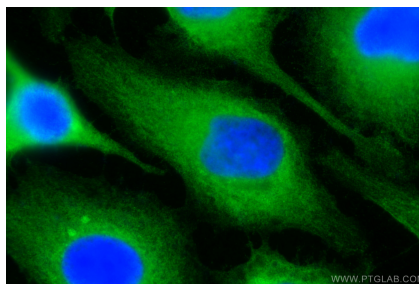
L02 cells were subjected to SDS PAGE followed by western blot with 15742-1-AP (TRIM14 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver using 15742-1-AP (TRIM14 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver using 15742-1-AP (TRIM14 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using TRIM14 antibody (15742-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L).