

For Research Use Only

TRIM14 Polyclonal antibody

Catalog Number: 15742-1-AP

Featured Product

13 Publications



Basic Information

Catalog Number: 15742-1-AP	GenBank Accession Number: BC006333	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 740 µg/ml by Nanodrop;	GeneID (NCBI): 9830	Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200 IF 1:10-1:100
Source: Rabbit	Full Name: tripartite motif-containing 14	
Isotype: IgG	Calculated MW: 442 aa, 50 kDa	
Immunogen Catalog Number: AG8158	Observed MW: 50 kDa	

Applications

Tested Applications:
IF, IHC, WB, ELISA

Cited Applications:
IF, IHC, IP, WB

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 : LO2 cells, HL-60 cells, HepG2 cells, Jurkat cells

IHC : human liver tissue,

IF : 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

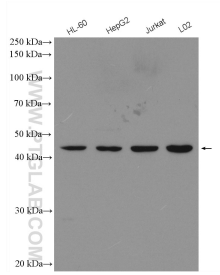
For technical support and original validation data for this product please contact:

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

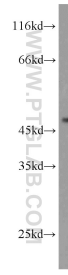
E: proteintech@ptglab.com
W: ptglab.com

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

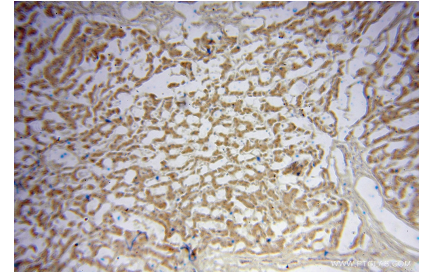
Selected Validation Data



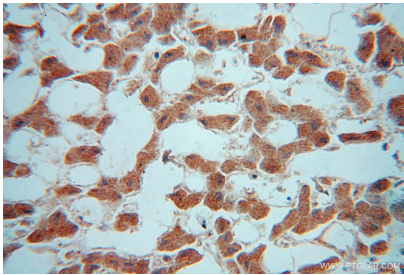
Various lysates were subjected to SDS PAGE followed by western blot with 15742-1-AP (TRIM14 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



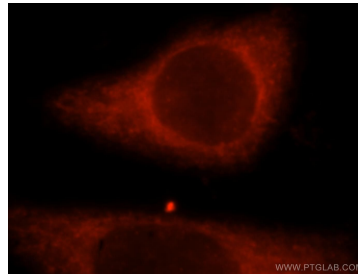
L02 cells were subjected to SDS PAGE followed by western blot with 15742-1-AP (TRIM14 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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 HeLa cells, using TRIM14 antibody 15742-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).