

For Research Use Only

# TRIM38 Polyclonal antibody

Catalog Number: 13405-1-AP

Featured Product

3 Publications



## Basic Information

<b>Catalog Number:</b> 13405-1-AP	<b>GenBank Accession Number:</b> BC026930	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 550 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 10475	<b>Recommended Dilutions:</b> WB 1:300-1:1000 IHC 1:50-1:500 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> tripartite motif-containing 38	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 465 aa, 53 kDa	
<b>Immunogen Catalog Number:</b> AG3840	<b>Observed MW:</b> 53 kDa	

## Applications

<b>Tested Applications:</b> IF, IHC, WB, ELISA	<b>Positive Controls:</b> WB: human liver tissue, HEK-293 cells, human colon tissue IHC: human liver tissue, human lung cancer tissue IF: L02 cells,
<b>Cited Applications:</b> IHC, WB	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> 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**

## Background Information

The proinflammatory cytokines TNF $\alpha$  and IL-1 $\beta$  play central roles in many diseases, including infectious diseases, autoimmunity, and cancers. TRIM38 belongs to the TRIM protein family that is involved in various biological processes, including cell proliferation and apoptosis, innate immunity, and inflammatory response. It has been shown that TRIM38 acts as a suppressor in TOLL-like receptor (TLR)-mediated IFN- $\beta$  induction by promoting degradation of TRAF6 and NAP1 through the ubiquitin-proteasome system. (PMID:24434549)

## Notable Publications

Author	Pubmed ID	Journal	Application
Xingwang Zhou	34954691	Aging (Albany NY)	IHC
Shouye Hu	34426118	Int Immunopharmacol	WB
Xinxin Yao	37116711	J Lipid Res	WB,IHC

## Storage

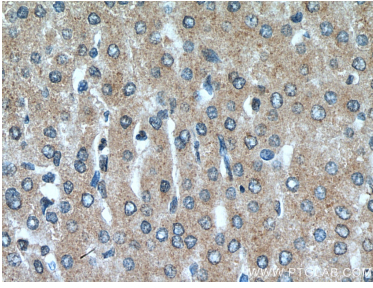
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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.

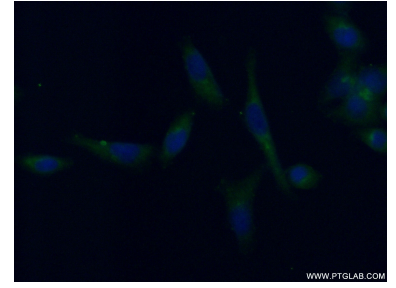
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 13405-1-AP (TRIM38 antibody) at dilution of 1:100 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



human liver tissue were subjected to SDS PAGE followed by western blot with 13405-1-AP (TRIM38 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed LO2 cells using 13405-1-AP (TRIM38 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).