

For Research Use Only

TRIM38 Polyclonal antibody

Catalog Number: 13405-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number:

13405-1-AP

Size:

150ul, Concentration: 550 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3840

GenBank Accession Number:

BC026930

GeneID (NCBI):

10475

UNIPROT ID:

O00635

Full Name:

tripartite motif-containing 38

Calculated MW:

465 aa, 53 kDa

Observed MW:

53 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:300-1:1000

IHC 1:50-1:500

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IHC, CoIP

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 : human liver tissue, HEK-293 cells, human colon tissue

IHC : human liver tissue, human lung cancer tissue

IF/ICC : LO2 cells,

Background Information

The proinflammatory cytokines TNF α and IL-1 β 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- β 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
Xiaoliang Feng	39033726	Phytomedicine	WB, CoIP

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

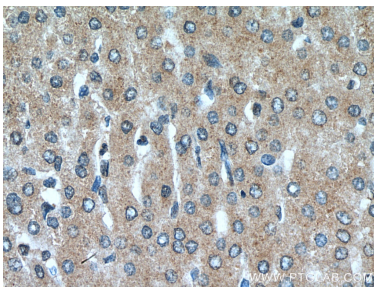
For technical support and original validation data for this product please contact:

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E: proteintech@ptglab.com
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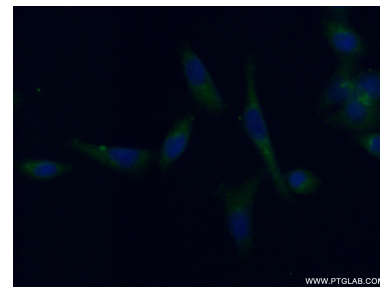
Selected Validation Data



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 L02 cells using 13405-1-AP (TRIM38 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).