

For Research Use Only

# TRIM61 Polyclonal antibody

Catalog Number: 24371-1-AP



## Basic Information

<b>Catalog Number:</b> 24371-1-AP	<b>GenBank Accession Number:</b> BC089393	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 391712	<b>Recommended Dilutions:</b> IHC 1:50-1:500 IF/ICC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q5EBN2	
<b>Isotype:</b> IgG	<b>Full Name:</b> tripartite motif-containing 61	
<b>Immunogen Catalog Number:</b> AG21656	<b>Calculated MW:</b> 209 aa, 24 kDa	

## Applications

<b>Tested Applications:</b> IHC, IF/ICC, ELISA	<b>Positive Controls:</b> IHC : mouse liver tissue, IF/ICC : U2OS cells,
<b>Species Specificity:</b> human, mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

TRIM61 is a member of the tripartite motif (TRIM) protein family. The RING domain in TRIM proteins, including TRIM61, can mediate the conjugation of proteins with ubiquitin, small ubiquitin-like modifier (SUMO), or the ubiquitin-like molecule IFN-stimulated protein of 15 kDa (ISG15), contributing to the biological flexibility of TRIM proteins. The E3 ligase activity of TRIM proteins, such as TRIM61, is essential for their role in post-translational modification, which plays a crucial role in cellular processes often resulting in targeted degradation of conjugated proteins.

## Storage

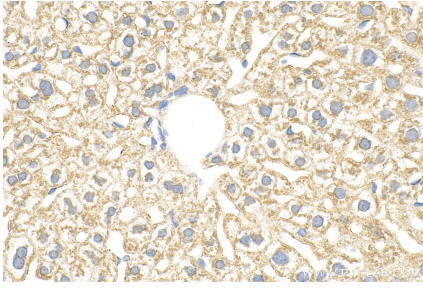
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

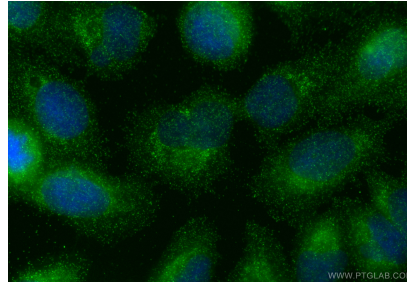
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 24371-1-AP (TRIM61 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed U2OS cells using TRIM61 antibody (24371-1-AP) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).