

For Research Use Only

TRIM25 Polyclonal antibody

Catalog Number: 12573-1-AP **10 Publications**



Basic Information

Catalog Number:
12573-1-AP

Size:
150UL, Concentration: 533 µg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG3241

GenBank Accession Number:
BC016924

GeneID (NCBI):
7706

Full Name:
tripartite motif-containing 25

Calculated MW:
630 aa, 71 kDa

Observed MW:
71 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:2000
IP 0.5-4.0 µg for IP and 1:500-1:1000 for WB
IF 1:50-1:500

Applications

Tested Applications:
IF, IP, WB, ELISA

Cited Applications:
IF, IP, WB

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse

Positive Controls:

WB: HEK-293 cells, HeLa cells, MCF-7 cells, K-562 cells, rat spleen tissue, HepG2 cells, mouse liver tissue, mouse pancreas tissue

IP: K-562 cells,

IF: HeLa cells,

Background Information

TRIM25 (tripartite motif-containing 25) is also named as EFP, Z147, ZNF147, RNF147 and belongs to the zinc finger protein family and tripartite motif (TRIM) family. It induces the Lys63-linked ubiquitination of RIG-I, which is crucial for the cytosolic RIG-I signalling pathway to elicit host antiviral innate immunity (PMID:17392790). It is also essential not only for DDX58 ubiquitination but also for DDX58-mediated interferon-production and antiviral activity in response to RNA virus infection (PMID: 17392790).

Notable Publications

Author	Pubmed ID	Journal	Application
Bin Gong	27903487	Ann Vasc Surg	WB
Xiao Xiao	31715186	Life Sci	WB
Jun-Jie Chen	32576271	J Exp Clin Cancer Res	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

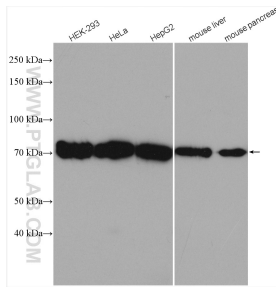
For technical support and original validation data for this product please contact:

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

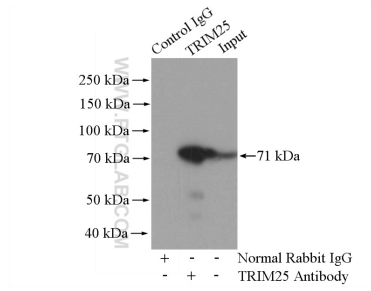
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W: ptglab.com

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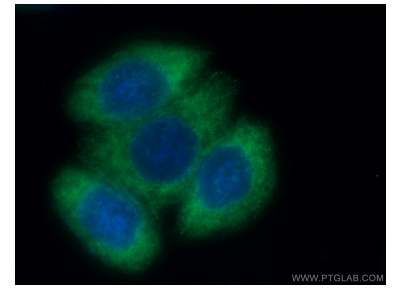
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12573-1-AP (TRIM25 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP Result of anti-TRIM25 (IP:12573-1-AP, 4ug; Detection:12573-1-AP 1:600) with K-562 cells lysate 3200ug.



Immunofluorescent analysis of (-20 Ethanol) fixed HeLa cells using 12573-1-AP (TRIM25 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).