

For Research Use Only

# TRIM8 Polyclonal antibody

Catalog Number: 27463-1-AP

Featured Product

6 Publications



## Basic Information

Catalog Number:

27463-1-AP

Size:

800 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG26517

GenBank Accession Number:

BC021925

GeneID (NCBI):

81603

UNIPROT ID:

Q9BZR9

Full Name:

tripartite motif-containing 8

Calculated MW:

61 kDa

Observed MW:

61 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

## Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC, IF, IP

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : HepG2 cells, L02 cells

IHC : human breast cancer tissue, human liver cancer tissue

**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

TRIM8 (Tripartite motif containing protein 8), also known as RNF27 (RING finger protein 27), a member of TRIM family proteins, is known to play a dual role as both tumor suppressor and oncogene, and to function at the crosstalk of cancer and innate immunity. TRIM8 can function at two subcellular sites-nucleus and cytoplasm-to regulate NF- $\kappa$ B, one of the central signaling pathways that plays a critical role in carcinogenesis and inflammatory diseases (PMID: 33230447, 22262183). TRIM8 is composed of 551 amino acids (aa) with a molecular weight of 61.5 kDa, contains a Nuclear Localization Signal (NLS), and forms specific nuclear structures similar to the TRIM19/PML Nuclear Bodies (NBs) (PMID: 33807506, 29182544).

## Notable Publications

Author	Pubmed ID	Journal	Application
Lei Li	33129786	Exp Mol Pathol	WB
Dachang Liu	35102149	Sci Rep	WB
Mingxue Zhu	39039652	Adipocyte	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

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

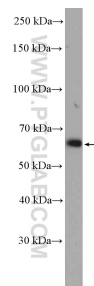
T: 4006900926

E: Proteintech-CN@ptglab.com

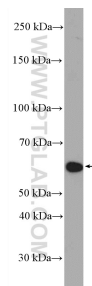
W: ptgcn.com

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

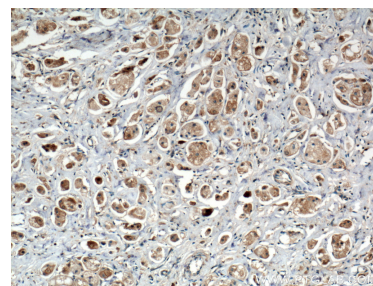
## Selected Validation Data



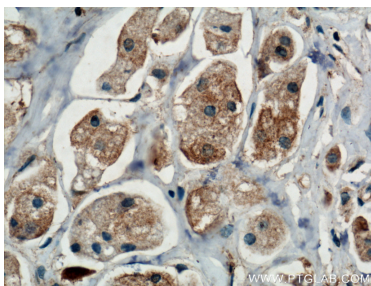
L02 cells were subjected to SDS PAGE followed by western blot with 27463-1-AP (TRIM8 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



HepG2 cells were subjected to SDS PAGE followed by western blot with 27463-1-AP (TRIM8 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 27463-1-AP (TRIM8 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 27463-1-AP (TRIM8 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).