

For Research Use Only

# TPM1 Polyclonal antibody

Catalog Number: 28477-1-AP

5 Publications



## Basic Information

Catalog Number:

28477-1-AP

Concentration:

400 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG29525

GenBank Accession Number:

BC053545

GeneID (NCBI):

7168

UNIPROT ID:

P09493

Full Name:

tropomyosin 1 (alpha)

Observed MW:

30 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

IHC 1:400-1:1600

## Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC, IF, ColP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat, rabbit

**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** : U-251 cells, mouse heart, mouse lung, rat lung

**IHC** : human normal colon, human stomach cancer tissue, mouse skeletal muscle tissue

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Kaiwen Sheng	39905485	J Transl Med	IHC
Kongwei Huang	38036415	Adv Sci (Weinh)	WB,IF,ColP
Ke Zou	37454940	Genomics	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:

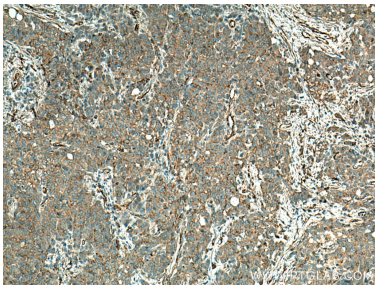
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

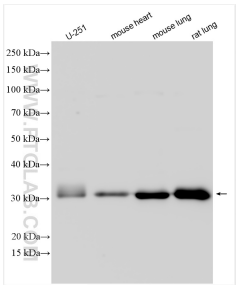
W: [ptgcn.com](http://ptgcn.com)

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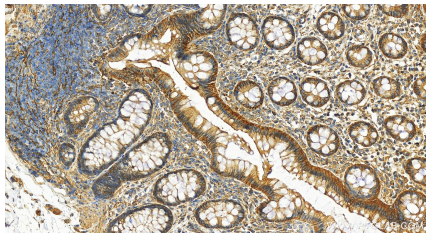
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 28477-1-AP (TPM1 antibody) at dilution of 1:50 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 28477-1-AP (TPM1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 28477-1-AP (TPM1 antibody) at dilution of 1:800 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).