

For Research Use Only

# Gamma Actin Polyclonal antibody

Catalog Number: 11227-1-AP

6 Publications



## Basic Information

Catalog Number:

11227-1-AP

Concentration:

433 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1728

GenBank Accession Number:

BC009848

GeneID (NCBI):

71

UNIPROT ID:

P63261

Full Name:

actin, gamma 1

Calculated MW:

42 kDa

Observed MW:

42-45 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:1000-1:5000

IHC: 1:300-1:1200

## Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

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 : mouse lung tissue, rat lung tissue

IHC : human colon tissue, human skin cancer tissue, human stomach tissue

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Xiao-Zhou Liu	35345836	Front Mol Neurosci	WB
Ai Fujimoto	39195208	Cells	WB, IF
Ju Liu	38400523	FEBS J	WB

## Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

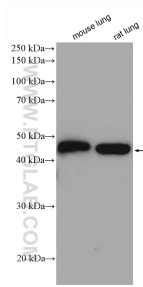
T: 4006900926

E: Proteintech-CN@ptglab.com

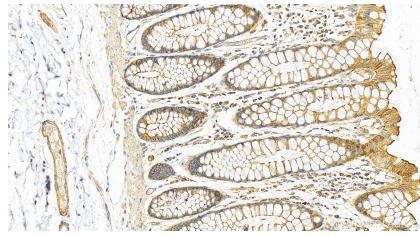
W: ptgcn.com

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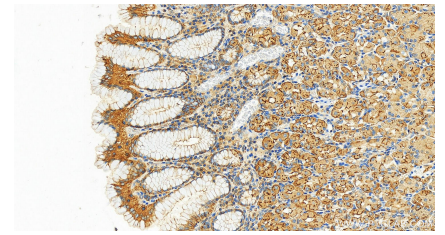
## Selected Validation Data



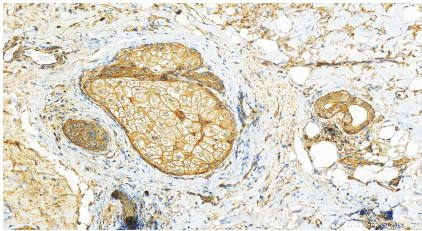
Various lysates were subjected to SDS PAGE followed by western blot with 11227-1-AP (gamma Actin antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human normal colon slide using 11227-1-AP (Gamma Actin antibody) at dilution of 1:600 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 11227-1-AP (Gamma Actin antibody) at dilution of 1:600 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded skin cancer slide using 11227-1-AP (Gamma Actin antibody) at dilution of 1:600 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).