

For Research Use Only

# PLS1 Polyclonal antibody

Catalog Number: 55212-1-AP

Featured Product

1 Publications



## Basic Information

Catalog Number:

55212-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_002670

GeneID (NCBI):

5357

UNIPROT ID:

Q14651

Full Name:

plastin 1 (I isoform)

Calculated MW:

70 kDa

Observed MW:

70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2400

IHC 1:20-1:200

## Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human

**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 small intestine tissue, COLO 320 cells

IHC : human colon tissue, human kidney tissue

## Background Information

PLS1, also named as I-plastin and Plastin-1, is an actin-bundling protein in the absence of calcium. It is intestine-specific plastin. This antibody is specific to PLS1. This antibody is specific to PLS1. It has no cross reaction to PLS3.

## Notable Publications

Author	Pubmed ID	Journal	Application
Tongtong Zhang	32350953	Cancer Sci	WB, IHC

## Storage

Storage:

Store at -20°C.

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:

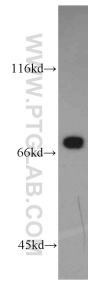
T: 4006900926

E: Proteintech-CN@ptglab.com

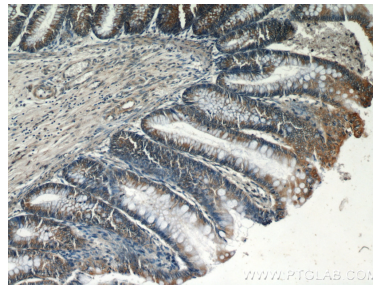
W: ptgcn.com

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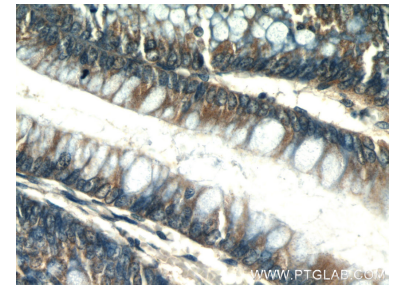
## Selected Validation Data



mouse small intestine tissue were subjected to SDS PAGE followed by western blot with 55212-1-AP (PLS1 antibody) at dilution of 1:1200 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon using 55212-1-AP (PLS1 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon using 55212-1-AP (PLS1 antibody) at dilution of 1:50 (under 40x lens).