For Research Use Only

PLS1 Polyclonal antibody

Catalog Number:55212-1-AP Featured Product 1 Publications

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Basic Information

Catalog Number:
55212-1-AP

Size:
150ul , Concentration: 400 ug/ml by Nanodrop and 193 ug/ml by Bradford method using BSA as the standard;

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 1:150-1:600

Applications

Tested Applications:
WB, IHC, 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 cancer 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. 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

*** 20ul sizes contain 0.1% BSA

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)
E: proteintech@ptglab.com
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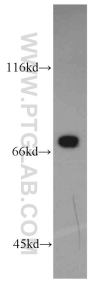
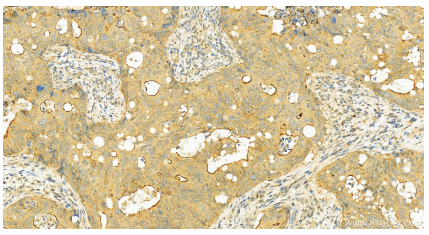
Selected Validation Data



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 colon cancer slide using 55212-1-AP (PLS1 antibody) at dilution of 1:300 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).