

For Research Use Only

# PRELP Polyclonal antibody

Catalog Number: 23783-1-AP

Featured Product

2 Publications



## Basic Information

### Catalog Number:

23783-1-AP

### Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 240 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG20656

### GenBank Accession Number:

BC032498

### GeneID (NCBI):

5549

### UNIPROT ID:

P51888

### Full Name:

proline/arginine-rich end leucine-rich repeat protein

### Calculated MW:

44 kDa

### Observed MW:

44 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Cited Applications:

WB, IHC, IF, ColP

### Species Specificity:

human

### 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: L02 cells, SMMC-7721 cells

IHC: human stomach cancer tissue,

IF/ICC: U2OS cells,

## Background Information

PRELP (proline/arginine-rich end leucine-rich repeat protein), also known as MST161, MSTP161, prolargin, or SLRR2A, belongs to the class II subfamily of the small leucine-rich proteoglycan (SLRP) family. PRELP is a small leucine-rich proteoglycan (SLRP), which binds collagen to basement membranes or cartilage as a matrix protein. PRELP has prognostic value and regulates cell proliferation and migration in hepatocellular carcinoma, may serve as a potential prognostic marker and a treatment target against HCC progression (PMID: 33033521).

## Notable Publications

Author	Pubmed ID	Journal	Application
Xiaoxia Pan	39507711	Front Med (Lausanne)	WB,IHC
Xiaoqing Li	39242474	Apoptosis	WB,IF,ColP

## 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

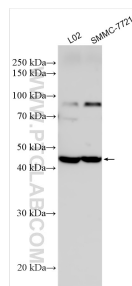
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

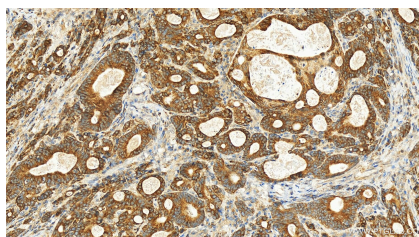
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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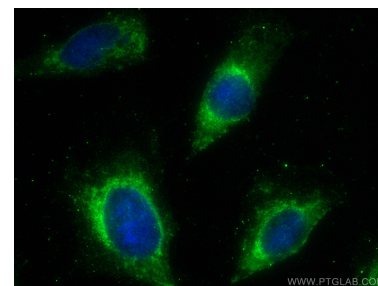
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 23783-1-AP (PRELP antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 23783-1-AP (PRELP antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed U2OS cells using PRELP antibody (23783-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).