

For Research Use Only

PRELP Polyclonal antibody

Catalog Number: 23783-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number: 23783-1-AP	GenBank Accession Number: BC032498	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 ug/ml by Nanodrop and 240 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5549	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500 IF/ICC 1:50-1:500
Source: Rabbit	UNIPROT ID: P51888	
Isotype: IgG	Full Name: proline/arginine-rich end leucine-rich repeat protein	
Immunogen Catalog Number: AG20656	Calculated MW: 44 kDa	
	Observed MW: 44 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : LO2 cells, SMMC-7721 cells IHC : human stomach cancer tissue, IF/ICC : U2OS cells,
Cited Applications: WB, IHC, IF, CoIP	
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

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,CoIP

Storage

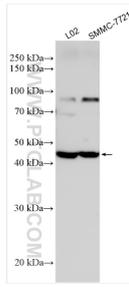
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

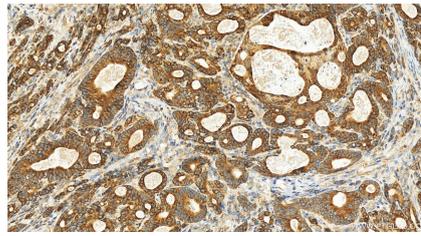
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

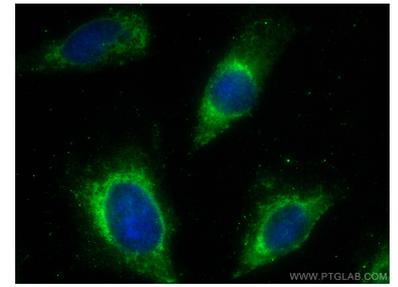
Selected Validation Data



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).