

For Research Use Only

# PPP1R13L Recombinant antibody, PBS Only (Detector)

Catalog Number: 86044-1-PBS



## Basic Information

<b>Catalog Number:</b> 86044-1-PBS	<b>GenBank Accession Number:</b> BC064913	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10848	<b>CloneNo.:</b> 250633E12
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8WUF5	
<b>Isotype:</b> IgG	<b>Full Name:</b> protein phosphatase 1, regulatory (inhibitor) subunit 13 like	
<b>Immunogen Catalog Number:</b> AG13273	<b>Calculated MW:</b> 89 kDa	
	<b>Observed MW:</b> 110 kDa	

## Applications

**Tested Applications:**  
WB, Sandwich ELISA, Indirect ELISA, Sample test

**Species Specificity:**  
human, mouse

## Product Information

86044-1-PBS targets PPP1R13L as part of a matched antibody pair:

MP02334-1: 86044-3-PBS capture and 86044-1-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

## Background Information

Inhibitor of apoptosis-stimulating protein of p53 (iASPP), encoded by PPP1R13L gene, is often overexpressed in human cancers. The ASPP family includes three members, namely ASPP1, ASPP2, and iASPP, which are specific regulators of p53-, p63-, and p73-mediated apoptosis. ASPP1 and ASPP2 enhance the apoptotic function of p53, whereas iASPP specifically inhibits p53-mediated apoptosis. Overexpression of iASPP is associated with resistance to cisplatin-induced apoptosis and radiation therapy. iASPP plays a pivotal role in regulating cancer cell proliferation and tumor progression.

## Storage

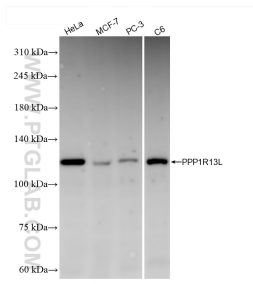
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

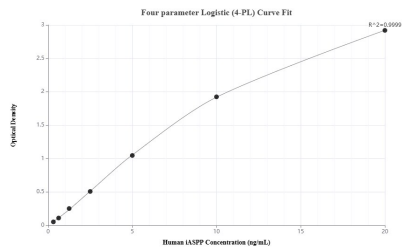
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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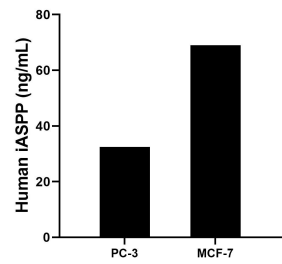
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86044-1-RR (PPP1R13L antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86044-1-PBS in a different storage buffer formulation.



Sandwich ELISA standard curve of MP02334-1, Human iASPP Recombinant Matched Antibody Pair - PBS only. 86044-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag13273. 86044-1-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



The mean iASPP concentration was determined to be 32.51 ng/mL in PC-3 cell extract based on a 2.0 mg/mL extract load and 68.98 ng/mL in MCF-7 cell extract based on a 1.3 mg/mL extract load.