

For Research Use Only

PPP1R13L Recombinant antibody, PBS Only (Detector)

Catalog Number: 86044-1-PBS



Basic Information

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

Applications

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

Species Specificity:
human, mouse

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.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

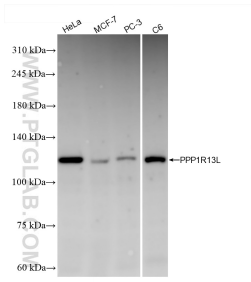
T: 4006900926

E: Proteintech-CN@ptglab.com

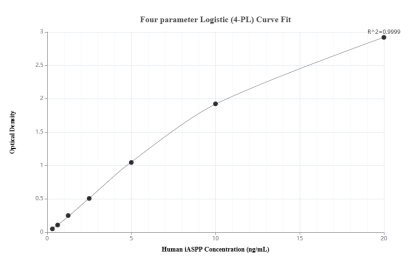
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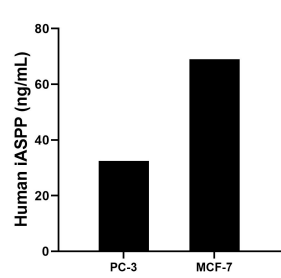
Selected Validation Data



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.