

For Research Use Only

PPP1R3A Polyclonal antibody, PBS Only

Catalog Number: 22495-1-PBS



Basic Information

Catalog Number: 22495-1-PBS	GenBank Accession Number: BC126453	Purification Method: Antigen Affinity purified
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 5506	
Source: Rabbit	UNIPROT ID: Q16821	
Isotype: IgG	Full Name: protein phosphatase 1, regulatory (inhibitor) subunit 3A	
Immunogen Catalog Number: AG18013	Calculated MW: 1122 aa, 126 kDa	
	Observed MW: 110-130 kDa	

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
human

Background Information

PPP1R3A (Protein Phosphatase 1 Regulatory Subunit 3A), also known as Protein Targeting to Glycogen (PTG), is a regulatory subunit of protein phosphatase 1 (PP1), a major serine/threonine phosphatase involved in metabolic regulation. It plays a crucial role in glycogen metabolism by targeting PP1 to glycogen particles, facilitating glycogen synthesis and breakdown. PPP1R3A is involved in muscle glycogen regulation (PMID: 24264575).

Storage

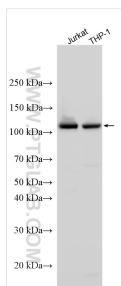
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

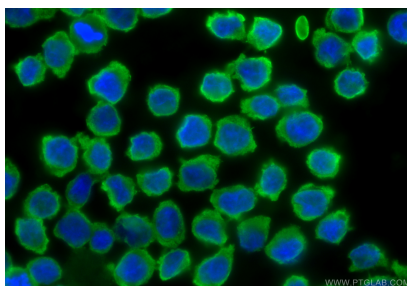
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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 22495-1-AP (PPP1R3A antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 22495-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed THP-1 cells using PPP1R3A antibody (22495-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 22495-1-PBS in a different storage buffer formulation.