

For Research Use Only

PPP2R2C Recombinant monoclonal antibody, PBS Only

Catalog Number: 86383-1-PBS



Basic Information

Catalog Number:	86383-1-PBS	GenBank Accession Number:	BC032954	Purification Method:	Protein A purification
Size:	100ug, Concentration: 1 mg/ml by Nanodrop;	GenID (NCBI):	5522	CloneNo.:	250997F4
Source:	Rabbit	UNIPROT ID:	Q9Y2T4		
Isotype:	IgG	Full Name:	protein phosphatase 2 (formerly 2A), regulatory subunit B, gamma isoform		
Immunogen Catalog Number:	AG3470	Calculated MW:	430 aa, 49 kDa		
		Observed MW:	49-53 kDa		

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

Protein phosphatase 2 regulatory subunit B gamma, also known as PPP2R2C or B55-gamma, encodes a gamma isoform of the subunit B55 subfamily, which is a regulatory subunit of Protein phosphatase type 2A (PP2A) (PMID: 24126060). PPP2R2C has been identified as a potential tumor suppressor in several cancers, including prostate and brain cancers (PMID: 23493267, PMID: 24126060). The decreased expression of PPP2R2C is associated with tumor progression, metastasis, and poorer patient outcomes in prostate cancer.

Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

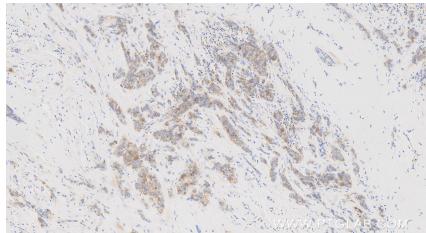
For technical support and original validation data for this product please contact:
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

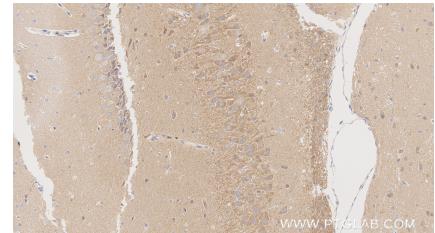
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data

Various lysates were subjected to SDS PAGE followed by western blot with 86383-1-RR (PPP2R2C antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86383-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 86383-1-RR (PPP2R2C antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86383-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 86383-1-RR (PPP2R2C antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86383-1-PBS in a different storage buffer formulation.