

For Research Use Only

Peripherin Recombinant antibody

Catalog Number: 86057-1-RR



Basic Information

Catalog Number: 86057-1-RR	GenBank Accession Number: BC032703	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 5630	CloneNo.: 250661A3
Source: Rabbit	UNIPROT ID: P41219	Recommended Dilutions: WB: 1:5000-1:50000 IF-P: 1:500-1:2000
Isotype: IgG	Full Name: peripherin	
Immunogen Catalog Number: AG11365	Calculated MW: 470 aa, 54 kDa	
	Observed MW: 54-60 kDa	

Applications

Tested Applications: WB, IF-P, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : IMR-32 cells, mouse colon tissue, rat colon tissue IF-P : mouse colon tissue,

Background Information

Peripherin is a neuron-specific intermediate filament protein that is particularly expressed in peripheral nervous system. It is used to study peripheral nerve development and regeneration, as it is highly expressed during elongation of axon. Peripherin is a routine marker for unmyelinated neurons in trigeminal ganglion (TG) and the dorsal root ganglion (DRG). Peripherin is also expressed in peri-insular areas of islets and it has been identified as a key autoantigen for type 1A diabetes.

Storage

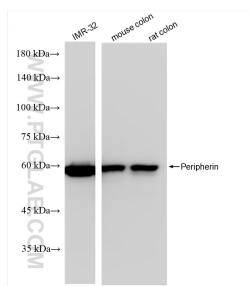
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

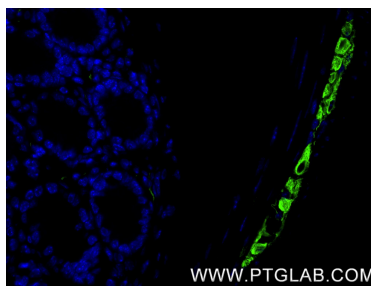
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 86057-1-RR (Peripherin antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse colon tissue using Peripherin antibody (86057-1-RR, Clone: 250661A3) at dilution of 1:1000 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).