

For Research Use Only

# Peripherin Recombinant antibody

Catalog Number: 86057-1-RR



## Basic Information

Catalog Number:

86057-1-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11365

GenBank Accession Number:

BC032703

GeneID (NCBI):

5630

UNIPROT ID:

P41219

Full Name:

peripherin

Calculated MW:

470 aa, 54 kDa

Observed MW:

54-60 kDa

Purification Method:

Protein A purification

CloneNo.:

250661A3

Recommended Dilutions:

WB: 1:5000-1:50000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : IMR-32 cells, mouse colon tissue, rat 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

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

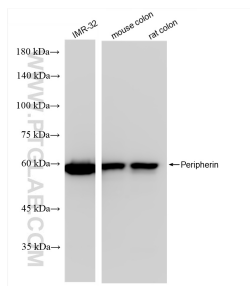
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## 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.