

For Research Use Only

PRPH2 Monoclonal antibody

Catalog Number: 68780-1-Ig



Basic Information

Catalog Number:

68780-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG12555

GenBank Accession Number:

BC074720

GeneID (NCBI):

5961

UNIPROT ID:

P23942

Full Name:

peripherin 2 (retinal degeneration, slow)

Calculated MW:

346 aa, 39 kDa

Observed MW:

35-39 kDa

Purification Method:

Protein A purification

CloneNo.:

2F11A1

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat, rabbit

Positive Controls:

WB: ARPE-19 cells, rabbit eye tissue, hTERT-RPE1 cells, rat eye tissue, mouse eye tissue, rabbit retina tissue, rat retina tissue, mouse retina tissue

Background Information

Peripherin-2 (PRPH2), also known as retinal degeneration slow protein (RDS), is a photoreceptor-specific tetraspanin protein implicated in outer segment disk morphogenesis. It may function as an adhesion molecule involved in stabilization and compaction of outer segment disks or in the maintenance of the curvature of the rim. Mutations in peripherin-2 are responsible for various retinal degenerative diseases including autosomal dominant retinitis pigmentosa (ADRP).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

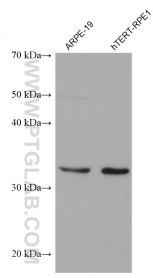
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68780-1-Ig (PRPH2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.