

For Research Use Only

# PRPH2 Recombinant antibody

Catalog Number: 85043-2-RR



## Basic Information

Catalog Number:

85043-2-RR

Size:

100ul, Concentration: 1000 µg/ml by

Nanodrop;

Source:

Rabbit

Isotype:

IgG

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.:

242170C1

Recommended Dilutions:

WB 1:5000-1:50000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, rat

Positive Controls:

WB : rat eye tissue, rat 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 the stabilization and compaction of outer segment disks or in maintaining 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

\*\*\* 20ul sizes contain 0.1% BSA

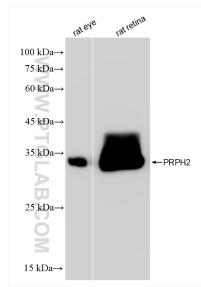
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85043-2-RR (PRPH2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.