

For Research Use Only

# PRPH2 Recombinant antibody, PBS Only

Catalog Number: 85043-2-PBS



## Basic Information

Catalog Number:

85043-2-PBS

Size:

100ug , Concentration: 1 mg/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

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, rat

## 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 -80°C.

Storage Buffer:

PBS Only

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

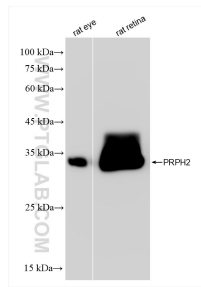
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## Selected Validation Data



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. This data was developed using the same antibody clone with 85043-2-PBS in a different storage buffer formulation.