

PCARE Polyclonal antibody

Catalog Number: 31187-1-AP

Basic Information

Catalog Number:

31187-1-AP

Size:

350 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34774

GenBank Accession Number:

NM_001029883

GeneID (NCBI):

388939

UNIPROT ID:

A6NGG8

Full Name:

chromosome 2 open reading frame 71

Calculated MW:

140 kDa

Observed MW:

140 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, mouse, rat

Positive Controls:

WB : mouse eye tissue, mouse retina tissue, rat eye tissue

Background Information

C2orf71/PCARE (photoreceptor cilium actin regulator) is a retina-specific protein consisting of 1289 amino acids with a predicted molecular weight of 140 kDa. PCARE is predicted to be myristoylated and palmitoylated at its N terminus and plays an important role in delivering actin-associated components to the base of the photoreceptor OSs to regulate the initial development of OS disks (PMID: 32312818, 35253837).

Storage

Storage:

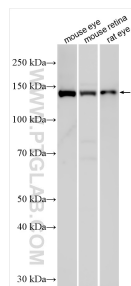
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

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

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31187-1-AP (PCARE antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.