

For Research Use Only

# CABP4 Polyclonal antibody

Catalog Number: 32176-1-AP



## Basic Information

Catalog Number:

32176-1-AP

Size:

1300 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG37335

GenBank Accession Number:

NM\_145200.3

GeneID (NCBI):

57010

UNIPROT ID:

P57796

Full Name:

calcium binding protein 4

Calculated MW:

30kDa, 275aa

Observed MW:

38 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 : rat retina tissue, mouse retina tissue

## Background Information

CABP4, a member of the calcium-binding protein (CABP) family, is located in photoreceptor synaptic terminals and is directly associated with the C-terminal domain of the Cav1.4  $\alpha$ . Mice lacking either Cabp4 or Cav1.4  $\alpha$  display a CSNB2-like phenotype. Mutations in CABP4 lead to autosomal recessive congenital stationary night blindness (CSNB) (PMID: 16960802).

## 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:

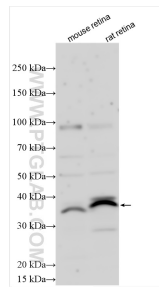
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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 32176-1-AP (CABP4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.