

For Research Use Only

Phosducin Polyclonal antibody, PBS Only

Catalog Number:33132-1-PBS



Basic Information

Catalog Number:

33132-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG37137

GenBank Accession Number:

NM_002597.4

GeneID (NCBI):

5132

UNIPROT ID:

P20941

Full Name:

phosducin

Calculated MW:

28 kDa, 246 aa

Observed MW:

32 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

Background Information

Phosducin/PDC, which tightly binds betagamma-subunits of heterotrimeric G-proteins, has been conjectured to play a role in regulating second messenger signaling cascades. Phosducin may act as a phosphorylation-dependent switch in second messenger signaling cascades, regulating the kinetics of desensitization processes by controlling the activity of Gbetagamma-dependent GRKs (PMID: 9020189).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

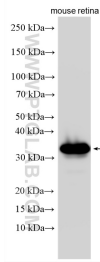
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

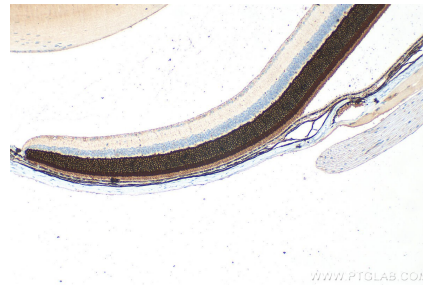
E: proteintech@ptglab.com
W: ptglab.com

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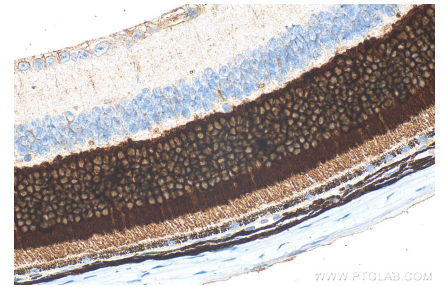
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33132-1-AP (PDC antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 33132-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse eye tissue slide using 33132-1-AP (Phosducin antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 33132-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse eye tissue slide using 33132-1-AP (Phosducin antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 33132-1-PBS in a different storage buffer formulation.