

For Research Use Only

Phosducin Polyclonal antibody

Catalog Number: 33132-1-AP



Basic Information

Catalog Number: 33132-1-AP	GenBank Accession Number: NM_002597.4	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 320 ug/ml by Nanodrop;	GeneID (NCBI): 5132	Recommended Dilutions: WB: 1:5000-1:50000 IHC: 1:50-1:500
Source: Rabbit	UNIPROT ID: P20941	
Isotype: IgG	Full Name: phosducin	
Immunogen Catalog Number: AG37137	Calculated MW: 28 kDa, 246 aa	
	Observed MW: 32 kDa	

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse retina tissue,

IHC : mouse eye tissue,

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

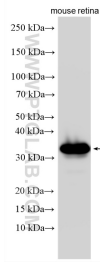
For technical support and original validation data for this product please contact:

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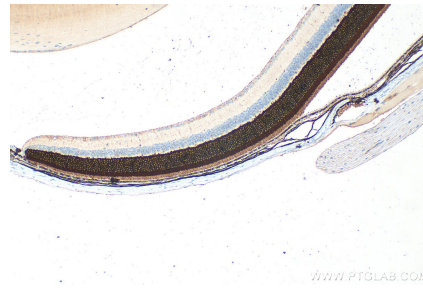
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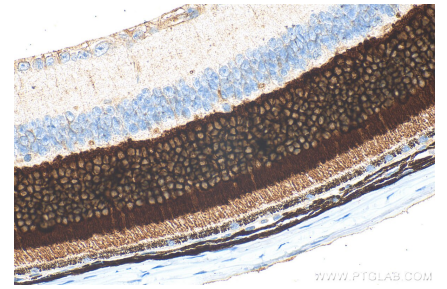
Selected Validation Data



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.



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).



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).