

For Research Use Only

# PDE6A Monoclonal antibody, PBS Only



Catalog Number: 67832-1-PBS

## Basic Information

<b>Catalog Number:</b> 67832-1-PBS	<b>GenBank Accession Number:</b> BC035909	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 5145	<b>CloneNo.:</b> 1B3B4
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P16499	
<b>Isotype:</b> IgG1	<b>Full Name:</b> phosphodiesterase 6A, cGMP-specific, rod, alpha	
<b>Immunogen Catalog Number:</b> AG16741	<b>Calculated MW:</b> 860 aa, 100 kDa	
	<b>Observed MW:</b> 100 kDa	

## Applications

**Tested Applications:**  
WB, ELISA

**Species Specificity:**  
Human, Mouse, Rat

## Background Information

PDE6A(Rod cGMP-specific 3',5'-cyclic phosphodiesterase subunit alpha) is also named as GMP-PDE alpha, PDE V-B1, PDEA and belongs to the cyclic nucleotide phosphodiesterase family. PDE6A contains an open reading frame capable of coding for a polypeptide of 859 amino acids and about 100 kDa. It is a subunit of a key phototransduction enzyme which participates in processes of transmission and amplification of the visual signal. The expression of PDE6 alpha in retina is essential for normal expression of PDE6 beta and PDE6 gamma.

## Storage

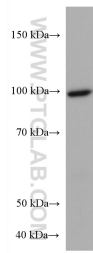
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only

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)  
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## Selected Validation Data



mouse eye tissue were subjected to SDS PAGE followed by western blot with 67832-1-Ig (PDE6A antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67832-1-PBS in a different storage buffer formulation.