

For Research Use Only

PDE6A Monoclonal antibody

Catalog Number: 67832-1-Ig



Basic Information

Catalog Number: 67832-1-Ig	GenBank Accession Number: BC035909	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 5145	CloneNo.: 1B3B4
Source: Mouse	Full Name: phosphodiesterase 6A, cGMP-specific rod, alpha	Recommended Dilutions: WB 1:1000-1:4000
Isotype: IgG1	Calculated MW: 860 aa, 100 kDa	
Immunogen Catalog Number: AG16741	Observed MW: 100 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse eye tissue, rat eye tissue, mouse retina tissue
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

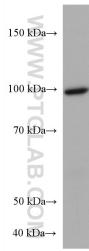
Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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



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.