

For Research Use Only

PDE6B Polyclonal antibody

Catalog Number: 10353-1-AP **1 Publications**



Basic Information

Catalog Number: 10353-1-AP	GenBank Accession Number: BC000249	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 700 µg/ml by Nanodrop and 547 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5158	
Source: Rabbit	Full Name: phosphodiesterase 6B, cGMP-specific, rod, beta	
Isotype: IgG	Calculated MW: 98 kDa	
Immunogen Catalog Number: AG0365		

Applications

Tested Applications:
IHC, WB, ELISA

Cited Applications:
IHC

Species Specificity:
human, mouse, rat

Cited Species:
human

Background Information

PDE6 is a cGMP-specific PDE family and presents multicomponent enzyme complexes. The rod PDE6 enzyme is comprised of two catalytic subunits (PDE6A and PDE6B) and it is expressed in human lungs (PMID:20979602). PDE6B (Rod cGMP-specific 3',5'-cyclic phosphodiesterase subunit beta) is also named as PDEB and belongs to the cyclic nucleotide phosphodiesterase family. PDE6B also has a C-terminal CAAX motif for posttranslational processing involving lipidation, proteolysis, and carboxymethylation (PMID:8394243). Defects in PDE6B are the cause of retinitis pigmentosa type 40 (RP40) (PMID:22334370) and congenital stationary night blindness autosomal dominant type 2 (CSNBAD2) (PMID:8075643).

Notable Publications

Author	Pubmed ID	Journal	Application
Nikolova Sevdalina S	20979602	Respir Res	IHC

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

*** 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