

For Research Use Only

# PDE6D Recombinant antibody, PBS Only

Catalog Number: 83503-1-PBS

Featured Product



## Basic Information

Catalog Number:

83503-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG29563

GenBank Accession Number:

NM\_002601

GeneID (NCBI):

5147

UNIPROT ID:

O43924

Full Name:

phosphodiesterase 6D, cGMP-specific, rod, delta

Calculated MW:

17 KDa

Observed MW:

14-17 kDa

Purification Method:

Protein A purification

CloneNo.:

230546H1

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

## Background Information

PDE6D, also known as PDED, belongs to the PDE6D/unc-119 family. PDE6D is a ubiquitously expressed prenyl-binding protein. By binding to prenyl moieties, PDE6D mediates the shuttling of prenylated proteins between membranes. Thereby, it regulates the membrane association of Ras and Rap GTPases (PMID: 36672247). In addition, research has shown that PDE6D is overexpressed in liver cancer and correlated with tumor stages, grading, and ERK activation (PMID: 30901922). The calculated molecular weight of PDE6D is 17 kDa.

## Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

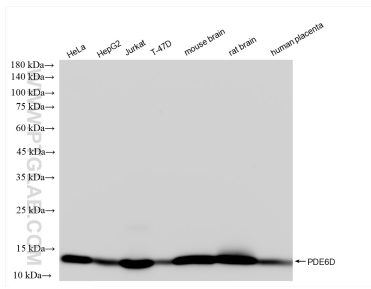
T: 4006900926

E: Proteintech-CN@ptglab.com

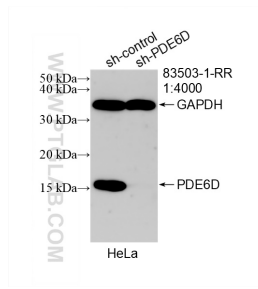
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83503-1-RR (PDE6D antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83503-1-PBS in a different storage buffer formulation.



WB result of PDE6D antibody (83503-1-RR; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PDE6D transfected HeLa cells. This data was developed using the same antibody clone with 83503-1-PBS in a different storage buffer formulation.