

For Research Use Only

PDE6D Monoclonal antibody, PBS Only

Catalog Number: 67565-1-PBS



Basic Information

Catalog Number:

67565-1-PBS

Size:

3755 ug/ml

Source:

Mouse

Isotype:

IgG1

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:

15-17 kDa

Purification Method:

Protein G purification

CloneNo.:

1H4B6

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse, rat, pig

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:

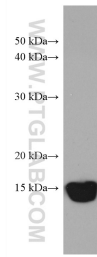
T: 4006900926

E: Proteintech-CN@ptglab.com

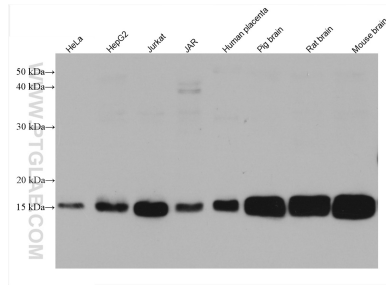
W: ptgcn.com

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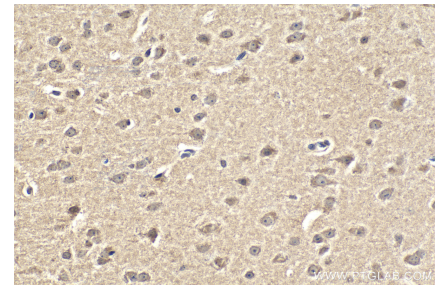
Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 67565-1-Ig (PDE6D antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67565-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 67565-1-Ig (PDE6D antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67565-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67565-1-Ig (PDE6D antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67565-1-PBS in a different storage buffer formulation.