

For Research Use Only

PDE4B Polyclonal antibody, PBS Only

Catalog Number: 31730-1-PBS



Basic Information

Catalog Number:

31730-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35552

GenBank Accession Number:

BC105040

GeneID (NCBI):

5142

UNIPROT ID:

Q07343

Full Name:

phosphodiesterase 4B, cAMP-specific
(phosphodiesterase E4 dunce
homolog, Drosophila)

Calculated MW:

736 aa, 83 kDa

Observed MW:

83 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

PDE4B, also known as DPDE4, is a member of the PDE family of type IV cAMP-specific cyclic nucleotides. PDE4B regulates the cellular concentration of cyclic nucleotides and thus plays a role in signal transduction of inflammatory factors. Among all subtypes of PDE4, PDE4B is closely associated with cancer and has a major contribution to the role in hematological malignancies. PDE4B is distributed in multiple tissues, especially myeloid cells (PMID: 35899614, PMID: 36278172).

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, pH7.3

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

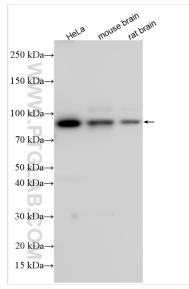
T: 4006900926

E: Proteintech-CN@ptglab.com

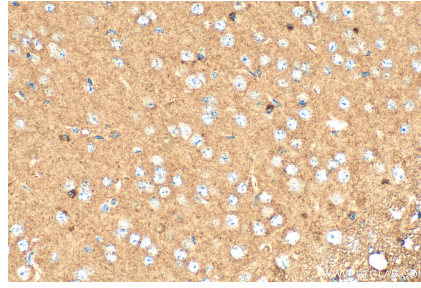
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31730-1-AP (PDE4B antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31730-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 31730-1-AP (PDE4B antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 31730-1-PBS in a different storage buffer formulation.