

For Research Use Only

PDE4B Polyclonal antibody

Catalog Number: 31730-1-AP



Basic Information

Catalog Number:

31730-1-AP

Size:

600 ug/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 duncce
homolog, Drosophila)

Calculated MW:

736 aa, 83 kDa

Observed MW:

83 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:1000-1:6000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HeLa cells, mouse brain tissue, rat brain tissue

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 -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

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

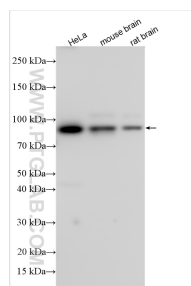
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31730-1-AP (PDE4B antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.