

For Research Use Only

PLCB4 Polyclonal antibody, PBS Only

Catalog Number: 33683-1-PBS



Basic Information

Catalog Number:

33683-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG38268

GenBank Accession Number:

NM_182797.2

GeneID (NCBI):

5332

UNIPROT ID:

Q15147

Full Name:

phospholipase C, beta 4

Calculated MW:

134 kDa 1175aa

Observed MW:

134 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

Phospholipase C beta 4 (PLCB4) is a direct effector of the endothelin receptor signaling pathway that plays an essential role in lower jaw and middle ear structures development (PMID: 35284927). Additionally, PLCB4 has a critical role in osteosarcoma progression and may serve as a novel diagnostic or therapeutic target in pediatric patients with acute myeloid leukemia (PMID: 39987366; 31788080).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

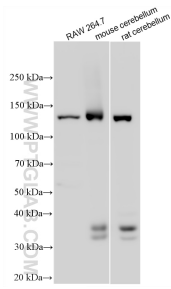
For technical support and original validation data for this product please contact:

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



Various lysates were subjected to SDS PAGE followed by western blot with 33683-1-AP (PLCB4 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 33683-1-PBS in a different storage buffer formulation.