

For Research Use Only

PIANP Polyclonal antibody

Catalog Number: 32088-1-AP



Basic Information

Catalog Number:

32088-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35273

GenBank Accession Number:

BC035736

GeneID (NCBI):

196500

UNIPROT ID:

Q8IYJO

Full Name:

chromosome 12 open reading frame

53

Observed MW:

30 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB: 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB: A375 cells,

Background Information

Pianp (also known as Leda-1) is a type I transmembrane protein with preferential expression in the mammalian CNS. Its processing is characterized by proteolytic cleavage by a range of proteases including Adam10, Adam17, MMPs, and the γ -secretase complex. Pianp can interact with P1r α and the GB1a subunit of the GABAB receptor (GBR) complex. Pianp represents a novel candidate gene involved in autism-like behavior, cerebellar and hippocampal pathology, and GBR signaling (PMID: 31511635).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

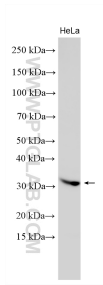
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32088-1-AP (C12orf53 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.