

For Research Use Only

# PIANP Polyclonal antibody, PBS Only

Catalog Number: 32088-1-PBS



## Basic Information

Catalog Number:

32088-1-PBS

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

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

## 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  $\gamma$ -secretase complex. Pianp can interact with P1r $\alpha$  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  $-80^{\circ}\text{C}$ .

**The product is shipped with ice packs. Upon receipt, store it immediately at  $-80^{\circ}\text{C}$**

Storage Buffer:

PBS only, pH7.3

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

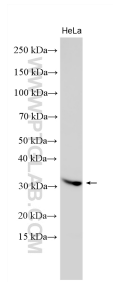
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## 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. This data was developed using the same antibody clone with 32088-1-PBS in a different storage buffer formulation.