

For Research Use Only

# PCDHB1 Polyclonal antibody, PBS Only

Catalog Number: 31966-1-PBS



## Basic Information

Catalog Number:

31966-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35435

GenBank Accession Number:

BC112096

GeneID (NCBI):

29930

UNIPROT ID:

Q9Y5F3

Full Name:

protocadherin beta 1

Observed MW:

80 kDa

Purification Method:

Antigen affinity Purification

## Applications

Tested Applications:

IP, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

PCDHB1 (Protocadherin Beta 1) is a member of the protocadherin beta gene cluster, which belongs to the Cadherin superfamily and is expressed primarily in the nervous system. It encodes a cell adhesion protein containing six extracellular adhesion protein structural domains and a distinct cytoplasmic tail involved in the establishment and function of intercellular junctions. PCDHB1 plays an important role in neurodevelopment, and its aberrant expression has been associated with a variety of neurodevelopmental disorders, for example, PCDHB1 expression is upregulated in the brains of patients with Rett syndrome, which may be related to the neuropathological features of the disease. In addition, members of the PCDHB1 gene cluster are involved in neuronal self-recognition, avoidance, and connection establishment with other neurons.

## 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

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

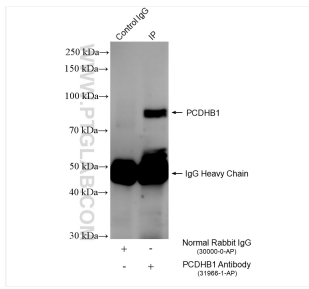
T: 4006900926

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

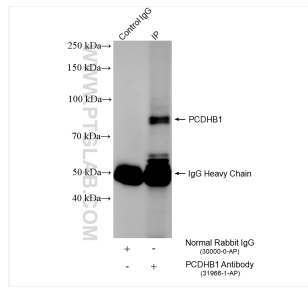
W: [ptgcn.com](http://ptgcn.com)

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

## Selected Validation Data



IP result of anti-PCDHB1 (IP:31966-1-AP, 4ug; Detection:31966-1-AP 1:500) with mouse skeletal muscle tissue lysate 1040 ug. This data was developed using the same antibody clone with 31966-1-PBS in a different storage buffer formulation.



IP result of anti-PCDHB1 (IP:31966-1-AP, 4ug; Detection:31966-1-AP 1:500) with rat skeletal muscle tissue lysate 1800 ug. This data was developed using the same antibody clone with 31966-1-PBS in a different storage buffer formulation.