

For Research Use Only

PCDHB1 Polyclonal antibody

Catalog Number: 31966-1-AP



Basic Information

Catalog Number:

31966-1-AP

Size:

500 ug/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

Recommended Dilutions:

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

IP, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

IP : mouse skeletal muscle tissue, rat skeletal muscle tissue

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 -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:

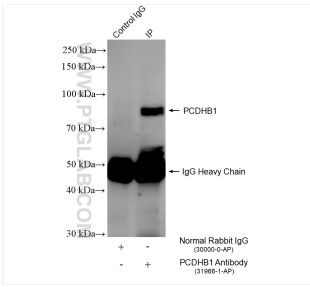
T: 4006900926

E: Proteintech-CN@ptglab.com

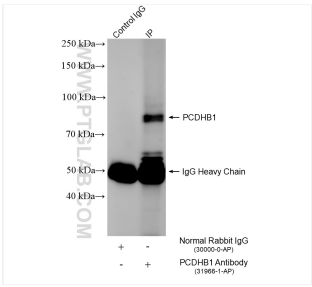
W: ptgcn.com

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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.



IP result of anti-PCDHB1 (IP:31966-1-AP, 4ug;
Detection:31966-1-AP 1:500) with rat skeletal
muscle tissue lysate 1800 ug.