

# PCDHB16 Rabbit pAb

Catalog No.: A15493

## Basic Information

**Observed MW**

85kDa

**Calculated MW**

85kDa

**Category**

Primary antibody

**Applications**

ELISA, WB

**Cross-Reactivity**

Mouse, Rat

## Background

This gene is a member of the protocadherin beta gene cluster, one of three related gene clusters tandemly linked on chromosome five. The gene clusters demonstrate an unusual genomic organization similar to that of B-cell and T-cell receptor gene clusters. The beta cluster contains 16 genes and 3 pseudogenes, each encoding 6 extracellular cadherin domains and a cytoplasmic tail that deviates from others in the cadherin superfamily. The extracellular domains interact in a homophilic manner to specify differential cell-cell connections. Unlike the alpha and gamma clusters, the transcripts from these genes are made up of only one large exon, not sharing common 3' exons as expected. These neural cadherin-like cell adhesion proteins are integral plasma membrane proteins. Their specific functions are unknown but they most likely play a critical role in the establishment and function of specific cell-cell neural connections.

## Recommended Dilutions

WB

1:200 - 1:2000

## Immunogen Information

**Gene ID**

57717

**Swiss Prot**

Q9NRJ7

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 29-90 of human PCDHB16 (NP\_066008.2).

**Synonyms**

ME1; PCDH3X; PCDHB8a; PCDH-BETA16; PCDHB16

## Contact

[www.abclonal.com](http://www.abclonal.com)

## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

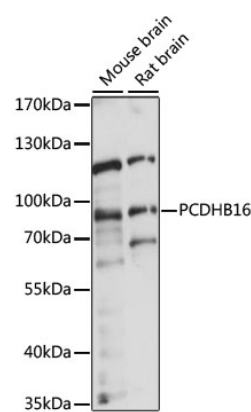
Affinity purification

**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

# Validation Data



Western blot analysis of various lysates using PCDHB16 Rabbit pAb (A15493) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 5s.