

Datasheet for ABIN7269734  
**anti-PCDHB16 antibody (AA 29-90)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	PCDHB16
Binding Specificity:	AA 29-90
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCDHB16 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Purpose:	PCDHB16 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 29-90 of human PCDHB16 (NP_066008.2).
Sequence:	ELGSYSVVEE TERGSFVANL GKDLGLGLTE MSTRKARIIS QGNKQHLQLK AQTGDLLINE KL
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

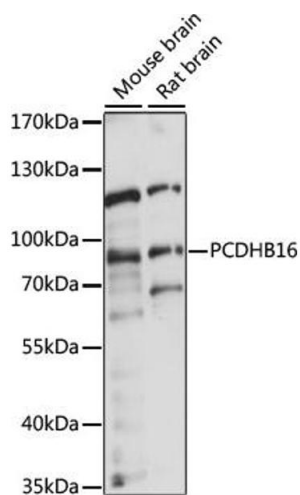
Target:	PCDHB16
Alternative Name:	PCDHB16 ( <a href="#">PCDHB16 Products</a> )
Background:	<p>This gene is a member of the protocadherin beta gene cluster, one of three related gene clusters tandemly linked on chromosome five. The gene clusters demonstrate an unusual genomic organization similar to that 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.,PCDHB16,ME1,PCDH-BETA16,PCDH3X,PCDHB8a,Signal Transduction,Cell Biology &amp; Developmental Biology,Cell Adhesion,Cadherins,Cytoskeleton,Neuroscience,PCDHB16</p>
Molecular Weight:	84kDa
Gene ID:	57717
UniProt:	<a href="#">Q9NRJ7</a>

## Application Details

Application Notes:	WB,1:200 - 1:2000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using PCDHB16 antibody (ABIN7269734) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.