

Datasheet for ABIN656265

anti-PCDHB12 antibody (C-Term)[Go to Product page](#)**2** Images

Overview

Quantity:	400 µL
Target:	PCDHB12
Binding Specificity:	AA 766-795, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCDHB12 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This PCDHB12 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 766-795 amino acids from the C-terminal region of human PCDHB12.
Clone:	RB31952
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PCDHB12
Alternative Name:	PCDHB12 (PCDHB12 Products)
Background:	This gene is a member of the protocadherin beta gene cluster, one of three related gene

Target Details

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.

Molecular Weight: 86770

Gene ID: 56124

NCBI Accession: [NP_061755](#)

UniProt: [Q9Y5F1](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

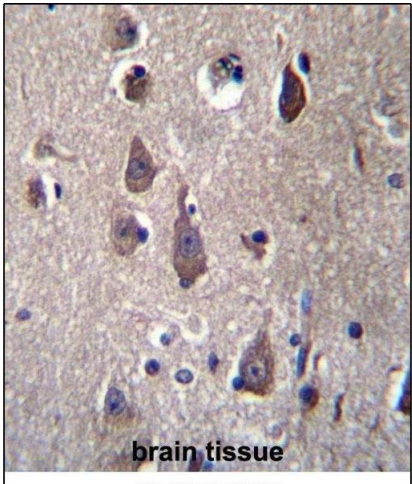
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

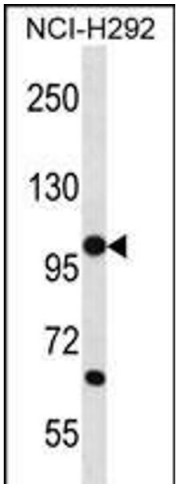
Storage Comment: PCDHB12 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.

Expiry Date: 6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. PCDHB12 Antibdy (C-term) (ABIN656265 and ABIN2845578) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of PCDHB12 Antibdy (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. PCDHB12 Antibody (C-term) (ABIN656265 and ABIN2845578) western blot analysis in NCI- cell line lysates (35 µg/lane).This demonstrates the PCDHB12 antibody detected the PCDHB12 protein (arrow).