

Datasheet for ABIN1538249
anti-PCDHA1 antibody (AA 288-316)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	PCDHA1
Binding Specificity:	AA 288-316
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCDHA1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This PCDHA1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 288-316 amino acids from the Central region of human PCDHA1.
Clone:	RB32960
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PCDHA1
Alternative Name:	PCDHA1 (PCDHA1 Products)
Background:	This gene is a member of the protocadherin alpha gene cluster, one of three related gene

Target Details

clusters tandemly linked on chromosome five that demonstrate an unusual genomic organization similar to that of B-cell and T-cell receptor gene clusters. The alpha gene cluster is composed of 15 cadherin superfamily genes related to the mouse CNR genes and consists of 13 highly similar and 2 more distantly related coding sequences. The tandem array of 15 N-terminal exons, or variable exons, are followed by downstream C-terminal exons, or constant exons, which are shared by all genes in the cluster. The large, uninterrupted N-terminal exons each encode six cadherin ectodomains while the C-terminal exons encode the cytoplasmic domain. These neural cadherin-like cell adhesion proteins are integral plasma membrane proteins that most likely play a critical role in the establishment and function of specific cell-cell connections in the brain. Alternative splicing has been observed and additional variants have been suggested but their full-length nature has yet to be determined.

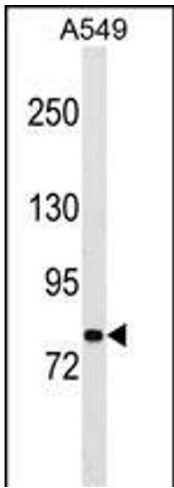
Molecular Weight:	102952
Gene ID:	56147
NCBI Accession:	NP_061723 , NP_113598 , NP_113599
UniProt:	Q9Y5I3

Application Details

Application Notes:	WB: 1:1000
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:	PCDHA1 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. PCDHA1 Antibody (Center) (ABIN1538249 and ABIN2849711) western blot analysis in A549 cell line lysates (35 µg/lane). This demonstrates the PCDHA1 antibody detected the PCDHA1 protein (arrow).