Datasheet for ABIN7269733

anti-PCDHA10 antibody (AA 130-210)

Go to Product page

1 Image

Overview

Quantity:	100 µL
Target:	PCDHA10
Binding Specificity:	AA 130-210
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCDHA10 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	PCDHA10 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 130-210 of human PCDHA10 (NP_114066.1).
Sequence:	PRFSVTEQKL SIPESRLLDS RFPLEGASDA DVGENALLTY KLSPNEYFVL DIINKKDKDK FPVLVLRKLL DREENPQLKL L
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	PCDHA10
Alternative Name:	PCDHA10 (PCDHA10 Products)
Background:	This gene is a member of the protocadherin alpha gene cluster, one of three related gene 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.,PCDHA10,CNR8,CNRN8,CNRS8,CRNR8,PCDH-ALPHA10,Signal Transduction,Cell Biology & Developmental Biology,Cell Cycle,Centrosome,Cell Adhesion,Cadherins,Cytoskeleton,Neuroscience,PCDHA10
Gene ID:	56139
UniProt:	Q9Y5I2

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

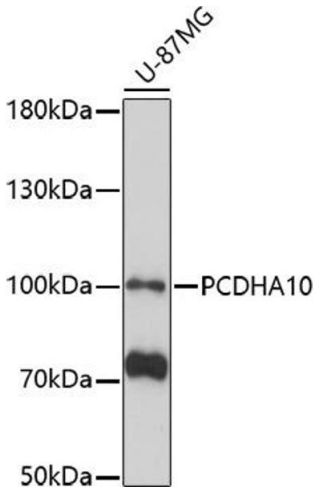
Handling

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

Handling

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

Images



Western Blotting

Image 1. Western blot analysis of extracts of U-87MG cells, using PCDH antibody (ABIN7269733) 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: 30s.