



Datasheet for ABIN655959
anti-PCDHB13 antibody (AA 273-300)



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1 Image

Overview

Quantity:	400 µL
Target:	PCDHB13
Binding Specificity:	AA 273-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCDHB13 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This PCDHB13 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 273-300 amino acids from the Central region of human PCDHB13.
Clone:	RB31680
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PCDHB13
Alternative Name:	PCDHB13 (PCDHB13 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.

Gene ID: 56123

NCBI Accession: [NP_061756](#)

UniProt: [Q9Y5F0](#)

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.

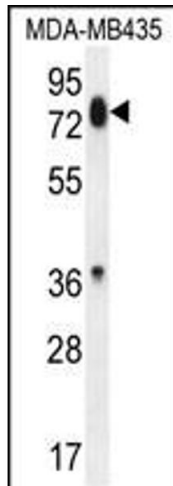
Preservative: Sodium azide

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: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Western Blotting

Image 1. PCDHB13 Antibody (Center) (ABIN655959 and ABIN2845345) western blot analysis in MDA-M cell line lysates (35 µg/lane). This demonstrates the PCDHB13 antibody detected the PCDHB13 protein (arrow).