

Datasheet for ABIN655956
anti-PCDHB15 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	PCDHB15
Binding Specificity:	AA 113-140, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCDHB15 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This PCDHB15 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 113-140 amino acids from the N-terminal region of human PCDHB15.
Clone:	RB31663
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PCDHB15
Alternative Name:	PCDHB15 (PCDHB15 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: 56121

NCBI Accession: [NP_061758](#)

UniProt: [Q9Y5E8](#)

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.

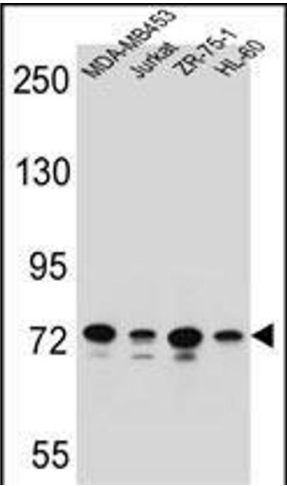
Preservative: Sodium azide

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. PCDHB15 Antibody (N-term) (ABIN655956 and ABIN2845342) western blot analysis in MDA-M,Jurkat,ZR-75-1,HL-60 cell line lysates (35 µg/lane).This demonstrates the PCDHB15 antibody detected the PCDHB15 protein (arrow).