

Datasheet for ABIN1537590  
**anti-PCDHGB1 antibody (C-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	400 µL
Target:	PCDHGB1
Binding Specificity:	AA 773-799, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCDHGB1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This PCDHGB1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 773-799 amino acids from the C-terminal region of human PCDHGB1.
Clone:	RB30482
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	PCDHGB1
Alternative Name:	PCDHGB1 ( <a href="#">PCDHGB1 Products</a> )
Background:	This gene is a member of the protocadherin gamma gene cluster, one of three related clusters

## Target Details

tandemly linked on chromosome five. These gene clusters have an immunoglobulin-like organization, suggesting that a novel mechanism may be involved in their regulation and expression. The gamma gene cluster includes 22 genes divided into 3 subfamilies. Subfamily A contains 12 genes, subfamily B contains 7 genes and 2 pseudogenes, and the more distantly related subfamily C contains 3 genes. The tandem array of 22 large, variable region exons are followed by a constant region, containing 3 exons shared by all genes in the cluster. Each variable region exon encodes the extracellular region, which includes 6 cadherin ectodomains and a transmembrane region. The constant region exons encode the common cytoplasmic region. These neural cadherin-like cell adhesion proteins most likely play a critical role in the establishment and function of specific cell-cell connections in the brain. Alternative splicing has been described for the gamma cluster genes.

Molecular Weight: 100360

Gene ID: 56104

NCBI Accession: [NP\\_061745](#), [NP\\_115266](#)

UniProt: [Q9Y5G3](#)

## 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.

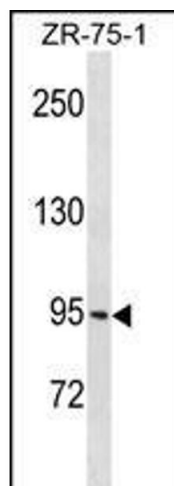
Preservative: Sodium azide

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: PCDHGB1 Antibody (C-term) 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.** PCDHGB1 Antibody (C-term) (ABIN1537590 and ABIN2850092) western blot analysis in ZR-75-1 cell line lysates (35 µg/lane). This demonstrates the PCDHGB1 antibody detected the PCDHGB1 protein (arrow).