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Datasheet for ABIN2178238  
**anti-PCDHB1 antibody (AA 51-150) (Cy3)**

## Overview

Quantity:	100 µL
Target:	PCDHB1
Binding Specificity:	AA 51-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCDHB1 antibody is conjugated to Cy3
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PCDHB1
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Sheep,Horse,Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	PCDHB1
Alternative Name:	Pcdhb1 ( <a href="#">PCDHB1 Products</a> )

## Target Details

Background:	<p>Synonyms: MGC138301, MGC138303, PCDB1_HUMAN, PCDH beta1, PCDH-beta-1, PCDHB 1, PCDHB1, Protocadherin beta 1, Protocadherin beta-1,</p> <p>Background: Protocadherins are a large family of cadherin-like cell adhesion proteins that are involved in the establishment and maintenance of neuronal connections in the brain. There are three protocadherin gene clusters, designated alpha, beta and gamma, all of which contain multiple tandemly arranged genes. PCDHB1 (Protocadherin beta 1) is an 818 amino acid protein that is one of 16 proteins in the protocadherin beta cluster. Unlike the alpha and gamma gene clusters whose genes are spliced to downstream constant region exons during transcription, members of the beta cluster (such as PCDHB1) do not use constant-region exons to produce mRNAs. As a result, each protocadherin beta gene encodes the transmembrane, extracellular and short cytoplasmic domains of the protein. PCDHB1 is a single-pass type I membrane protein containing six cadherin domains.</p>
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## Application Details

Application Notes:	<p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months