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Datasheet for ABIN910248

**anti-PCDHB11 antibody (AA 141-240) (Alexa Fluor 555)**

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | PCDHB11  |
| Binding Specificity: | AA 141-240   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This PCDHB11 antibody is conjugated to Alexa Fluor 555   |
| 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 PCDHB11 |
| Isotype:              | IgG   |
| Predicted Reactivity: | Human, Mouse, Rat, Cow, Pig, Horse, Rabbit                  |
| Purification:         | Purified by Protein A.                                      |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | PCDHB11  |
| Alternative Name: | PCDHB11 ( <a href="#">PCDHB11 Products</a> )                             |
| Background:       | Synonyms: MGC138337, Cadherin ME2, ME2, MGC138337, MGC142171, MGC142171, |

## Target Details

PCDBB\_HUMAN, PCDH beta 11, PCDH BETA11, PCDH-beta-11, PCDHB11, Protocadherin beta 11, Protocadherin beta-11.

Background: PCDHB11 is a member of the protocadherin beta gene cluster, one of three related gene clusters tandemly linked on chromosome five. PCDHB11 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: 56125

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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