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## Datasheet for ABIN2178244 **anti-PCDHB10 antibody (AA 351-450)**

### Overview

Quantity:	100 µL
Target:	PCDHB10
Binding Specificity:	AA 351-450
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCDHB10 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PCDHB10
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	PCDHB10
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## Target Details

Alternative Name:	PCDHB10 ( <a href="#">PCDHB10 Products</a> )
Background:	<p>Synonyms: OTTHUMP00000160026, PCDBA_HUMAN, PCDH BETA10, PCDH-beta-10, PCDHB10, PCHB10, Protocadherin beta-10, Protocadherin beta-10.</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 a, b and g, all of which contain multiple tandemly-arranged genes. PCDHB10 (protocadherin b10), also known as PCHB10 or PCDH-b10, is an 800 amino acid protein that is one of 16 proteins in the protocadherin b cluster. Unlike the a and g gene clusters, whose genes are spliced to downstream constant-region exons during transcription, members of the b cluster (such as PCDHB10) do not use constant-region exons to produce mRNAs. As a result, each protocadherin b gene encodes the transmembrane, extracellular and short cytoplasmic domains of the protein. Localized to the cell membrane, PCDHB10 is a single-pass type I membrane protein that contains six cadherin domains.</p>

## Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % 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.

## Handling

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Storage:	4 °C,-20 °C
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Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
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Expiry Date:	12 months
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