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Datasheet for ABIN2178232 anti-PCDHB1 antibody (AA 51-150)

Overview

Quantity:	100 µL
Target:	PCDHB1
Binding Specificity:	AA 51-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCDHB1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

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
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Target Details

Alternative Name:	PCDHB1 (PCDHB1 Products)
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>

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

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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