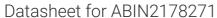
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anti-PCDHB14 antibody (AA 551-650) (Alexa Fluor 555)



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Quantity:	100 μL	
Target:	PCDHB14	
Binding Specificity:	AA 551-650	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This PCDHB14 antibody is conjugated to Alexa Fluor 555	
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))	

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PCDHB14	
Isotype:	IgG	
Predicted Reactivity:	Human,Mouse,Rat,Cow,Sheep	
Purification:	Purified by Protein A.	

Target Details

Target:	PCDHB14
Alternative Name:	Pcdhb14 (PCDHB14 Products)
Background: Synonyms: MGC120065, PCDBE_HUMAN, PCDH beta14, PCDH-beta-14, PCDHB 14, PCI	

Protocadherin beta 14, Protocadherin beta-14.

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. PCDHB14 (Protocadherin beta 14) is a 798 amino acid protein that is one of 16 proteins in the protocadherin beta cluster. Unlike the alpha and gamma gene clusters whos genes are spliced to downstream constant region exons during transcription, members of the beta cluster (such as PCDHB14) 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. Localized to the cell membrane, PCDHB14 is a single-pass type I membrane protein that contains six cadherin domains.

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	