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Datasheet for ABIN6991083 anti-PCDH18 antibody (N-Term)



Overview

Overview	
Quantity:	0.1 mg
Target:	PCDH18
Binding Specificity:	AA 50-100, N-Term
Reactivity:	Mouse, Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCDH18 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)
Product Details	
Immunogen:	PCDH18 antibody was raised against a 17 amino acid synthetic peptide near the amino terminus of human PCDH18. The immunogen is located within amino acids 50 - 100 of PCDH18.
lsotype:	lgG
Specificity:	At least three isoforms of PCDH18 are known to exist. This antibody is predicted to not cross-react with PCDH12.
Purification:	PCDH18 Antibody is affinity chromatography purified via peptide column.
Target Details	
Target:	PCDH18

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calcium-dependent cell-cell adhesion molecules. Protocadherin 18 (PCDH18) was initia identified through screening of human and mouse ESTs using conserved cytoplasmic of motifs. Tissue screening revealed PCDH18 broad expression in tissues such as brain, li heart, kidney, lung, and trachea. PCDH18 expression is also temporally and spatially reg in the mouse embryonic brain and interacts with Disabled-1, an intracellular adapter pro involved in neuronal migration and cell positioning during mammalian brain developme PCDH18 was also found to be expressed in the developing zebrafish neural tube and co nervous system, lending support to the hypothesis that PCDH18 may play a role during development.Gene ID:54510NCBI Accession:NP_061908UniProt:Q9HCL0Application DetailsPCDH18 antibody can be used for detection of PCDH18 by Western blot at 2 µ.g/mL. A can also be used for immunohistochemistry starting at 2.5 µ.g/mL. For immunofluores start at 20 µ.g/mL.	Target Details	
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NCBI Accession: NP_061908 UniProt: Q9HCL0 Application Details Application Notes: PCDH18 antibody can be used for detection of PCDH18 by Western blot at 2 µ,g/mL. A can also be used for immunohistochemistry starting at 2.5 µ,g/mL. For immunofluores start at 20 µ,g/mL. Restrictions: For Research Use only Handling Liquid Concentration: 1 mg/mL	Background:	PCDH18 Antibody: Protocadherins comprise the largest group within the cadherin family of calcium-dependent cell-cell adhesion molecules. Protocadherin 18 (PCDH18) was initially identified through screening of human and mouse ESTs using conserved cytoplasmic domain motifs. Tissue screening revealed PCDH18 broad expression in tissues such as brain, liver, heart, kidney, lung, and trachea. PCDH18 expression is also temporally and spatially regulated in the mouse embryonic brain and interacts with Disabled-1, an intracellular adapter protein involved in neuronal migration and cell positioning during mammalian brain development. PCDH18 was also found to be expressed in the developing zebrafish neural tube and central nervous system, lending support to the hypothesis that PCDH18 may play a role during brain development.
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Handling Format: Liquid Concentration: 1 mg/mL		Antibody validated: Western Blot in human samples, Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.
Format: Liquid Concentration: 1 mg/mL	Restrictions:	For Research Use only
Concentration: 1 mg/mL	Handling	
	Format:	Liquid
Buffer: PCDH18 Antibody is supplied in PBS containing 0.02 % sodium azide.	Concentration:	1 mg/mL
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Preservative: Sodium azide	Preservative:	Sodium azide
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE where the should be handled by trained staff only.	Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Handling	
Storage:	-20 °C,4 °C
Storage Comment:	PCDH18 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should
	not be exposed to prolonged high temperatures.

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