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Datasheet for ABIN2785751

## anti-PCDH17 antibody (C-Term)

1 Image

1 Publication

### Overview

Quantity:	100 µL
Target:	PCDH17
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Rabbit, Guinea Pig, Horse, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCDH17 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human PCDH17
Sequence:	SEMGAVLEQL DHPNRDLGRE SVDAEEVVRE IDKLLQDCRG NDPVAVRK
Predicted Reactivity:	Cow: 86%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against PCDH17. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

### Target Details

Target:	PCDH17
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## Target Details

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Alternative Name: [PCDH17 \(PCDH17 Products\)](#)

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Background: PCDH17 contains six extracellular cadherin domains, a transmembrane domain, and a cytoplasmic tail differing from those of the classical cadherins. It may play a role in the establishment and function of specific cell-cell connections in the brain. This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. The encoded protein contains six extracellular cadherin domains, a transmembrane domain, and a cytoplasmic tail differing from those of the classical cadherins. The encoded protein may play a role in the establishment and function of specific cell-cell connections in the brain.

PRIMARYREFSEQ\_SPAN PRIMARY\_IDENTIFIER PRIMARY\_SPAN COMP 1-866 AL445288.9  
90051-90916 867-4389 BC028165.1 1-3523 4390-8009 AL445216.6 89335-92954

Alias Symbols: PCDH68, PCH68

Protein Interaction Partner: UBQLN4, ZP3, NR1H2,

Protein Size: 1159

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Molecular Weight: 124 kDa

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Gene ID: 27253

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NCBI Accession: [NM\\_001040429, NP\\_001035519](#)

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UniProt: [O14917](#)

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## Application Details

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Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

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Comment: Antigen size: 1159 AA

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: Lot specific

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Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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Preservative: Sodium azide

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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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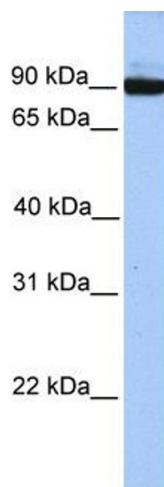
## Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Publications

Product cited in:	Akter, Mansour, Hyodo, Senga: "FAM98A associates with DDX1-C14orf166-FAM98B in a novel complex involved in colorectal cancer progression." in: <b>The international journal of biochemistry &amp; cell biology</b> , Vol. 84, pp. 1-13, (2017) ( <a href="#">PubMed</a> ).
	Akter, Mansour, Hyodo, Ito, Hamaguchi, Senga: "Erratum to: FAM98A is a novel substrate of PRMT1 required for tumor cell migration, invasion and colony formation." in: <b>Tumour biology</b> , Vol. 37, Issue 5, pp. 7001, (2016) ( <a href="#">PubMed</a> ).

## Images



### Western Blotting

#### Image 1. WB Suggested Anti-PCDH17 Antibody Titration:

0.2-1 ug/ml

**Positive Control:** HepG2 cell lysate