

**PCDH9 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP13185b****Specification**

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**PCDH9 Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession [Q9HC56](#)

**PCDH9 Antibody (C-term) Blocking Peptide - Additional Information**

**Gene ID** 5101

**Other Names**  
Protocadherin-9, PCDH9

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody AP13185b was selected from the C-term region of PCDH9. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**PCDH9 Antibody (C-term) Blocking Peptide - Protein Information**

**Name** PCDH9

**Function**

Potential calcium-dependent cell-adhesion protein.

**Cellular Location**

Cell membrane; Single-pass type I membrane protein

**PCDH9 Antibody (C-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**PCDH9 Antibody (C-term) Blocking Peptide - Images**

**PCDH9 Antibody (C-term) Blocking Peptide - Background**

This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. The mRNA encodes a cadherin-related neuronal receptor that localizes to synaptic junctions and is putatively involved in specific neuronal connections and signal transduction. Sharing a characteristic with other protocadherin genes, this gene has a notably large exon that encodes six cadherin domains and a transmembrane region. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

**PCDH9 Antibody (C-term) Blocking Peptide - References**

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Nollet, F., et al. J. Mol. Biol. 299(3):551-572(2000) Yagi, T., et al. Genes Dev. 14(10):1169-1180(2000)