

**PCDH1 Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP12019a**

**Specification**

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**PCDH1 Antibody (N-term) Blocking peptide - Product Information**

Primary Accession [Q08174](#)

**PCDH1 Antibody (N-term) Blocking peptide - Additional Information**

**Gene ID** 5097

**Other Names**

Protocadherin-1, Cadherin-like protein 1, Protocadherin-42, PC42, PCDH1

**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.

**PCDH1 Antibody (N-term) Blocking peptide - Protein Information**

**Name** PCDH1

**Function**

May be involved in cell-cell interaction processes and in cell adhesion.

**Cellular Location**

Cell junction. Cell membrane; Single-pass type I membrane protein. Note=Found at cell- cell boundaries and probably at cell-matrix boundaries

**Tissue Location**

Highly expressed in the brain and neuro-glial cells

**PCDH1 Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**PCDH1 Antibody (N-term) Blocking peptide - Images**

**PCDH1 Antibody (N-term) Blocking peptide - Background**

This gene belongs to the protocadherin subfamily within the cadherin superfamily. The encoded protein is a membrane protein found at cell-cell boundaries. It is involved in neural cell adhesion, suggesting a possible role in neuronal development. The protein includes an extracellular region, containing 7 cadherin-like domains, a transmembrane region and a C-terminal cytoplasmic region. Cells expressing the protein showed cell aggregation activity. Alternative splicing occurs in this gene.

**PCDH1 Antibody (N-term) Blocking peptide - References**

Koppelman, G.H., et al. Am. J. Respir. Crit. Care Med. 180(10):929-935(2009) Rush, J., et al. Nat. Biotechnol. 23(1):94-101(2005) Ballif, B.A., et al. Mol. Cell Proteomics 3(11):1093-1101(2004) Ballif, B.A., et al. Mol. Cell Proteomics 3(11):1093-1101(2004) Colland, F., et al. Genome Res. 14(7):1324-1332(2004)