10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CDH9 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP1433b

Specification

CDH9 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q9ULB4

CDH9 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 1007

Other Names
Cadherin-9, CDH9

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP1433b was selected from the C-term region of human CDH9. 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.

CDH9 Antibody (C-term) Blocking Peptide - Protein Information

Name CDH9

Function
Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types.

Cellular Location
Cell membrane; Single-pass type I membrane protein

CDH9 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

CDH9 Antibody (C-term) Blocking Peptide - Images

CDH9 Antibody (C-term) Blocking Peptide - Background

CDH9 is a type II classical cadherin from the cadherin superfamily, integral membrane proteins that mediate calcium-dependent cell-cell adhesion. Mature cadherin proteins are composed of a large N-terminal extracellular domain, a single membrane-spanning domain, and a small, highly conserved C-terminal cytoplasmic domain. The extracellular domain consists of 5 subdomains, each containing a cadherin motif, and appears to determine the specificity of the protein's homophilic cell adhesion activity. Type II (atypical) cadherins are defined based on their lack of a HAV cell adhesion recognition sequence specific to type I cadherins.

CDH9 Antibody (C-term) Blocking Peptide - References

Shimoyama,Y., Biochem. J. 349 (PT 1), 159-167 (2000)Nollet,F., J. Mol. Biol. 299 (3), 551-572 (2000)Suzuki,S., Cell Regul. 2 (4), 261-270 (1991)