

H Cadherin (CDH13) Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP1434a**Specification**

H Cadherin (CDH13) Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [P55290](#)**H Cadherin (CDH13) Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 1012**Other Names**

Cadherin-13, Heart cadherin, H-cadherin, P105, Truncated cadherin, T-cad, T-cadherin, CDH13, CDHH

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP1434a](/product/products/AP1434a) was selected from the N-term region of human CDH13. 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.

H Cadherin (CDH13) Antibody (N-term) Blocking peptide - Protein Information**Name** CDH13**Synonyms** CDHH**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. May act as a negative regulator of neural cell growth.

Cellular Location

Cell membrane; Lipid-anchor, GPI-anchor.

Tissue Location

Highly expressed in heart. In the CNS, expressed in cerebral cortex, medulla, hippocampus,

amygdala, thalamus and substantia nigra. No expression detected in cerebellum or spinal cord

H Cadherin (CDH13) Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

H Cadherin (CDH13) Antibody (N-term) Blocking peptide - Images

H Cadherin (CDH13) Antibody (N-term) Blocking peptide - Background

CDH13 is a member of the cadherin superfamily. This protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region but, unlike the typical cadherin superfamily member, lacks the highly conserved cytoplasmic region. This particular cadherin is a putative mediator of cell-cell interaction in the heart and may act as a negative regulator of neural cell growth.

H Cadherin (CDH13) Antibody (N-term) Blocking peptide - References

Qian,Z.R., Mod. Pathol. 20 (12), 1269-1277 (2007) Tsou,J.A., Mol. Cancer 6, 70 (2007)