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CDH3 Antibody (N-term) Blocking peptide

Synthetic peptide
Catalog # BP1499a

Specification

CDH3 Antibody (N-term) Blocking peptide - Product Information

Primary Accession	P22223

CDH3 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 1001

Other Names
Cadherin-3, Placental cadherin, P-cadherin, CDH3, CDHP

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP1499a was selected from the C-term region of human CDH3. 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.

CDH3 Antibody (N-term) Blocking peptide - Protein Information

Name CDH3

Synonyms CDHP

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

Tissue Location
Expressed in some normal epithelial tissues and in some carcinoma cell lines.

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CDH3 Antibody (N-term) Blocking peptide - Protocols

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

- Blocking Peptides

CDH3 Antibody (N-term) Blocking peptide - Images

CDH3 Antibody (N-term) Blocking peptide - Background

CDH3 is a classical cadherin from the cadherin superfamily. It is a calcium-dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Aberrant expression of this protein is observed in cervical adenocarcinomas. Mutations in the gene encoding CDH3 have been associated with congential hypotrichosis with juvenile macular dystrophy.

CDH3 Antibody (N-term) Blocking peptide - References

Indelman,M., Clin. Exp. Dermatol. 32 (2), 191-196 (2007)Paredes,J., Clin. Cancer Res. 11 (16), 5869-5877 (2005)