

CDH3 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP1499A

Specification

CDH3 Antibody (N-term) - Product Information

Application	WB, FC,E
Primary Accession	P22223
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	114-142

CDH3 Antibody (N-term) - Additional Information

Gene ID 1001

Other Names

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

Target/Specificity

This CDH3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 114-142 amino acids from the N-terminal region of human CDH3.

Dilution

WB~~1:1000
FC~~1:10~50

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CDH3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CDH3 Antibody (N-term) - 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

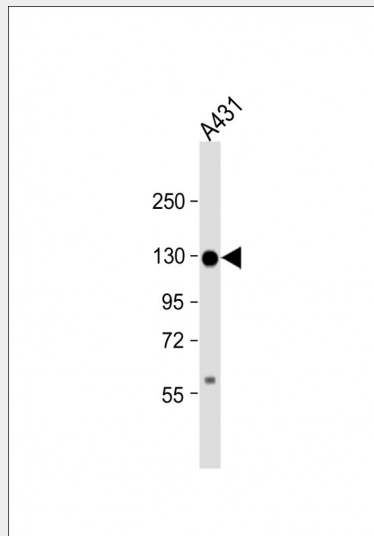
Tissue Location

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

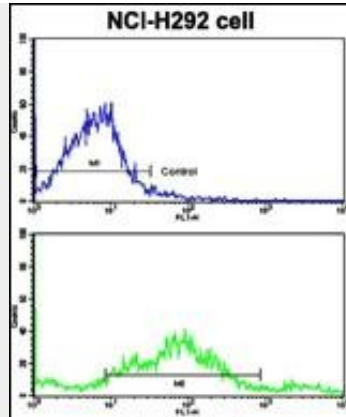
CDH3 Antibody (N-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CDH3 Antibody (N-term) - Images

Anti-CDH3 Antibody (N-term) at 1:1000 dilution + A431 whole cell lysate Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 91 kDa Blocking/Dilution buffer: 5% NFDN/TBST.



Flow cytometric analysis of NCI-H292 cells using CDH3 Antibody (N-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

CDH3 Antibody (N-term) - 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 congenital hypotrichosis with juvenile macular dystrophy.

CDH3 Antibody (N-term) - References

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