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CDH9 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP1433b

Specification

CDH9 Antibody (C-term) - Product Information

Application	**WB, FC,E**
Primary Accession	O9ULB4
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit Ig**
Antigen Region	**701-729**

CDH9 Antibody (C-term) - Additional Information

Gene ID 1007

Other Names
Cadherin-9, CDH9

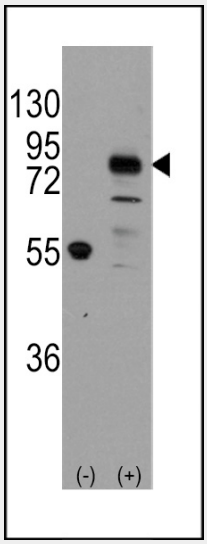
Target/Specificity
This CDH9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 701-729 amino acids from the C-terminal region of human CDH9.

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

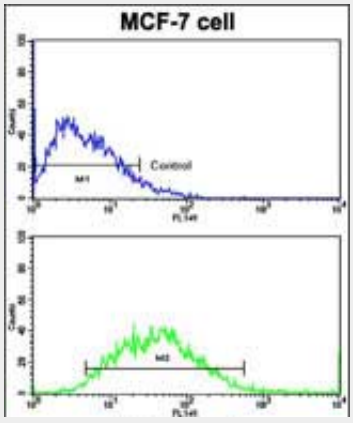
Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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
CDH9 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.



Western blot analysis of CDH9 (arrow) using rabbit polyclonal CDH9 Antibody (C-term) (Cat.#AP1433b). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the CDH9 gene (Lane 2) (Origene Technologies).



Flow cytometric analysis of MCF-7 cells using CDH9 Antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

CDH9 Antibody (C-term) - Background

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CDH9 Antibody (C-term) - 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 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) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CDH9 Antibody (C-term) - 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)