

Product Name: Cadherin-9 Rabbit Polyclonal Antibody
Catalog #: APRab07837



Summary

Production Name	Cadherin-9 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IF,IHC,WB,
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	CDH9
Alternative Names	CDH9; Cadherin-9
Gene ID	1007.0
SwissProt ID	Q9ULB4.The antiserum was produced against synthesized peptide derived from human CDH9. AA range:201-250

Application

Dilution Ratio	WB 1:500 - 1:2000 IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:5000. Not yet tested in other applications.
Molecular Weight	89kD

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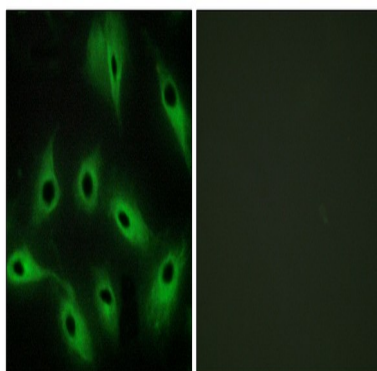
Background

This gene encodes 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. [provided by RefSeq, Jul 2008],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.,similarity:Contains 5 cadherin domains.,

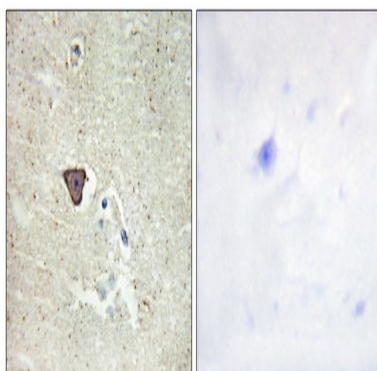
Research Area

Adherens_Junction

Image Data

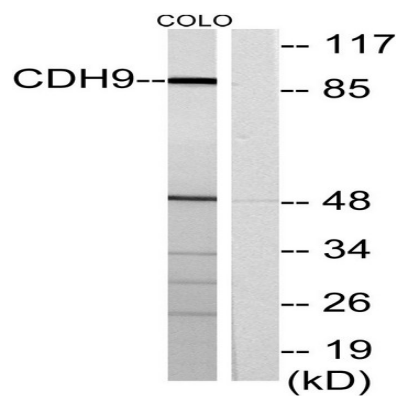


Immunofluorescence analysis of HeLa cells, using CDH9 Antibody. The picture on the right is blocked with the synthesized peptide.

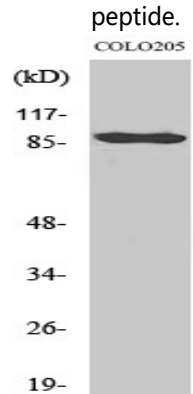


Immunohistochemistry analysis of paraffin-embedded human brain tissue, using CDH9 Antibody. The picture on the right is blocked with the synthesized peptide.

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Western blot analysis of lysates from COLO cells, using CDH9 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Cadherin-9 Polyclonal Antibody

Note

For research use only.