

Cadherin-9 Polyclonal Antibody

Catalog No. E-AB-30720

Note: Centrifuge before opening to ensure complete recovery of vial contents.

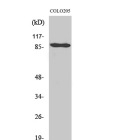
Description

Reactivity	Human,Mouse
Immunogen	Synthesized peptide derived from the Internal region of human Cadherin-9
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4

Applications Recommended Dilution

WB	1:500-1:2000
IHC	1:100-1:300
IF	1:200-1:1000
ELISA	1:5000

Data



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Western Blot analysis of COLO205 cells with
Cadherin-9 Polyclonal Antibody.

Observed Mw:89kDa
Calculated Mw:89kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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. CDH9 (Cadherin 9) is a Protein Coding gene. Among its related pathways are Cell junction organization and Nanog in Mammalian ESC Pluripotency. GO annotations related to

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this gene include calcium ion binding. An important paralog of this gene is CDH6.