

CDH11 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP18528B

Specification

CDH11 Antibody (C-term) - Product Information

Application WB,E
Primary Accession P55287

Other Accession P55288, NP_001788
Reactivity Human, Mouse

Host Rabbit
Clonality Polyclonal
Isotype Rabbit Ig
Calculated MW 87965
Antigen Region 622-650

CDH11 Antibody (C-term) - Additional Information

Gene ID 1009

Other Names

Cadherin-11, OSF-4, Osteoblast cadherin, OB-cadherin, CDH11

Target/Specificity

This CDH11 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 622-650 amino acids from the C-terminal region of human CDH11.

Dilution

WB~~1:1000

Format

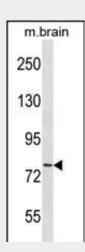
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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

CDH11 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.



CDH11 Antibody (C-term) (Cat. #AP18528b) western blot analysis in mouse brain tissue lysates (35ug/lane). This demonstrates the CDH11 antibody detected the CDH11 protein (arrow).

CDH11 Antibody (C-term) - 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. Type II (atypical)

cadherins are defined based on their lack of a HAV cell adhesion recognition

sequence specific

to type I cadherins. Expression of this particular cadherin in

osteoblastic cell lines, and its upregulation during

differentiation, suggests a specific function in bone development and maintenance.

CDH11 Antibody (C-term) - References





CDH11 Antibody (C-term) - Protein Information

Name CDH11

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 mainly in brain but also found in other tissues. Expressed in neuroblasts

CDH11 Antibody (C-term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- <u>Immunofluorescence</u>
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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