

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

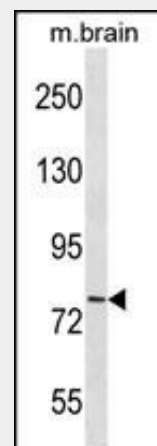
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :

Sachdeva, M., et al. Cancer Res. 70(1):378-387(2010)

Canova, C., et al. Cancer Res. 69(7):2956-2965(2009)

Farina, A.K., et al. PLoS ONE 4 (3), E4797 (2009) :

Brieger, J., et al. APMIS 116(12):1050-1057(2008)

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](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)