



[Go to Product page](#)

Datasheet for ABIN1537506

## anti-OB Cadherin antibody (C-Term)

### 1 Image

#### Overview

Quantity:	400 µL
Target:	OB Cadherin (CDH11)
Binding Specificity:	AA 622-650, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OB Cadherin antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	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.
Clone:	RB38499
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Target Details

Target:	OB Cadherin (CDH11)
Alternative Name:	CDH11 ( <a href="#">CDH11 Products</a> )
Background:	This gene encodes a type II classical cadherin from the cadherin superfamily, integral

## Target Details

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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.

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Molecular Weight: 87965

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Gene ID: 1009

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NCBI Accession: [NP\\_001788](#)

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UniProt: [P55287](#)

## Application Details

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Application Notes: WB: 1:1000

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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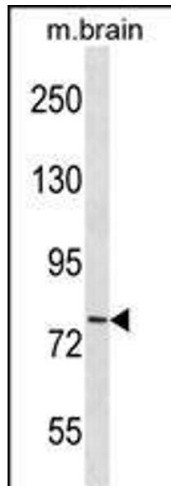
Storage: 4 °C, -20 °C

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Storage Comment: CDH11 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

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Expiry Date: 6 months



### Western Blotting

**Image 1.** CDH11 Antibody (C-term) (ABIN1537506 and ABIN2850011) western blot analysis in mouse brain tissue lysates (35 µg/lane). This demonstrates the CDH11 antibody detected the CDH11 protein (arrow).