

OB-cadherin Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP06321

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human CDH11. AA range:421-470

Mol wt 87965

Species reactivity Human, Mouse

Clonality Polyclonal

Recommended application WB, ELISA

Concentration 1 mg/ml

Full name OB-cadherin Antibody

Synonyms CDH11; Cadherin-11; OSF-4; Osteoblast cadherin; OB-cadherin

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

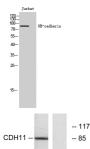
CDH11 encodes a type II classical cadherin from the cadherin superfamily, integral membrane proteins that mediate calcium-dependent cell-cell adhesion. Mature cadherin proteins are composed of a large N-terminal extracellular domain, a single membrane-spanning domain, and a small, highly conserved C-terminal 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.

Recommended Dilution

WB: 1: 500 - 1: 2000 ELISA: 1: 20000

Not yet tested in other applications.

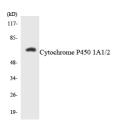
Images



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-- 26 -- 19 (kD) Western Blot analysis of Jurkat cells using OB-cadherin Polyclonal Antibody

Western blot analysis of lysates from Jurkat cells, using CDH11 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using Cytochrome P450 1A1/2 antibody.

Storage

-20°C for one year

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