

OB-cadherin Polyclonal Antibody

Catalog No: YT3224

Reactivity: Human; Mouse

Applications: WB;ELISA

Target: OB-cadherin

Gene Name: CDH11

Protein Name: Cadherin-11

Human Gene Id: 1009

Human Swiss Prot

No:

Mouse Gene ld: 12552

Mouse Swiss Prot

No:

Immunogen: The antiserum was produced against synthesized peptide derived from human

CDH11. AA range:421-470

Specificity: OB-cadherin Polyclonal Antibody detects endogenous levels of OB-cadherin

protein.

P55287

P55288

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

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Observed Band: 85kD

Cell Pathway : __Adherens_Junction

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. [provided by RefSeg, Jul 2008],

Function: function:Cadherins are calcium dependent cell adhesion

proteins., 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., similarity: Contains 5 cadherin domains., tissue specificity: Expressed mainly

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

Subcellular Location:

Cell membrane; Single-pass type I membrane protein.

Expression: Expressed mainly in brain but also found in other tissues. Expressed in

neuroblasts.

Sort : 11034

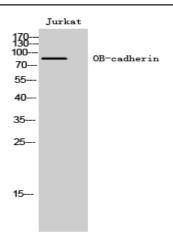
No4: 1

Host: Rabbit

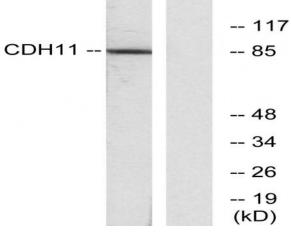
Modifications: Unmodified

Products Images

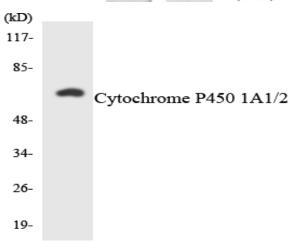
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Western Blot analysis of Jurkat cells using OB-cadherin Polyclonal Antibody



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.