



# OB-cadherin Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-17060
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	CDH11
<b>Protein Name</b>	Cadherin-11
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human CDH11. AA range:421-470
<b>Specificity</b>	OB-cadherin Polyclonal Antibody detects endogenous levels of OB-cadherin protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	CDH11; Cadherin-11; OSF-4; Osteoblast cadherin; OB-cadherin
<b>Observed Band</b>	85kD
<b>Cell Pathway</b>	Cell membrane; Single-pass type I membrane protein.
<b>Tissue Specificity</b>	Expressed mainly in brain but also found in other tissues. Expressed in neuroblasts.
<b>Function</b>	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.,
<b>Background</b>	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 RefSeq, Jul 2008],

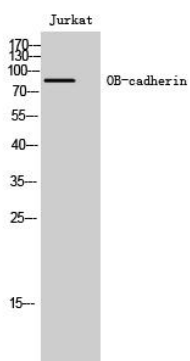
**matters needing attention**

Avoid repeated freezing and thawing!

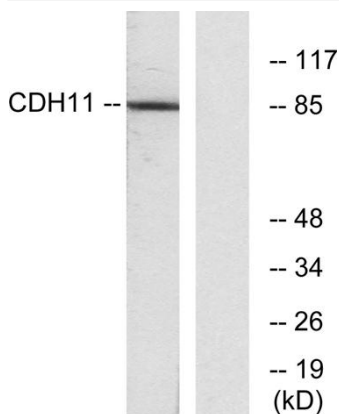
**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

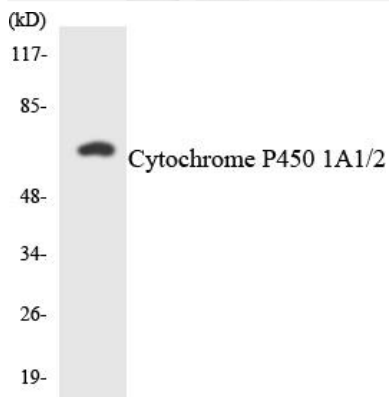
**Products Images**



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.