

## Anti-CDH11 Antibody

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### Description

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.

<b>Model</b>	STJ116917
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Rat
<b>Applications</b>	IHC, WB
<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 637-796 of human CDH11 (NP_001788.2).
<b>Gene ID</b>	<a href="#">1009</a>
<b>Gene Symbol</b>	<a href="#">CDH11</a>
<b>Dilution range</b>	WB 1:500 - 1:2000 IHC 1:50 - 1:200
<b>Tissue Specificity</b>	Expressed mainly in brain but also found in other tissues, Expressed in neuroblasts
<b>Purification</b>	Affinity purification

<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Cadherin-11 OSF-4 Osteoblast cadherin OB-cadherin
<b>Molecular Weight</b>	87.965 kDa
<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Storage Instruction</b>	Store at -20C. Avoid freeze / thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:1750</a> <a href="#">OMIM:600023</a> <a href="#">Reactome:R-HSA-418990</a>
<b>Alternative Names</b>	Cadherin-11 OSF-4 Osteoblast cadherin OB-cadherin
<b>Function</b>	Cadherins are calcium-dependent cell adhesion proteins, They preferentially interact with themselves in a homophilic manner in connecting cells
<b>Cellular Localization</b>	Cell membrane

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