

## Product datasheet for **TA361350**

### OB Cadherin (CDH11) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human CDH11
Specificity:	<b>Expected reactivity:</b> Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	87 kDa
Gene Name:	cadherin 11
Database Link:	<a href="#">NP_001788.2</a> <a href="#">Entrez Gene 1009 Human P55287</a>



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**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.

**Synonyms:**

CAD11; cadherin-11; CDHOB; OB; OB-cadherin; OSF-4

**Product images:**

Host: Rabbit

Target Name: CDH11

Sample Type: Leiomyosarcoma Tumor Lysate

Antibody Dilution: 1.0µg/ml

Host: Rabbit

Target Name: CDH11

Sample Tissue: Human Leiomyosarcoma Tumor lysates

Antibody Dilution: 1 ug/ml