

## M-cadherin rabbit pAb

**Cat#: orb765634 (Manual)**

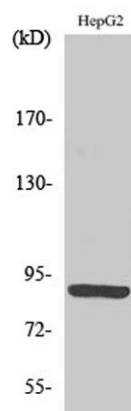
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<b>Product Name</b>	M-cadherin rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human CDH15. AA range:81-130
<b>Specificity</b>	M-cadherin Polyclonal Antibody detects endogenous levels of M-cadherin protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Cadherin-15
<b>Gene Name</b>	CDH15
<b>Cellular localization</b>	Cell membrane; Single-pass type I membrane protein.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal

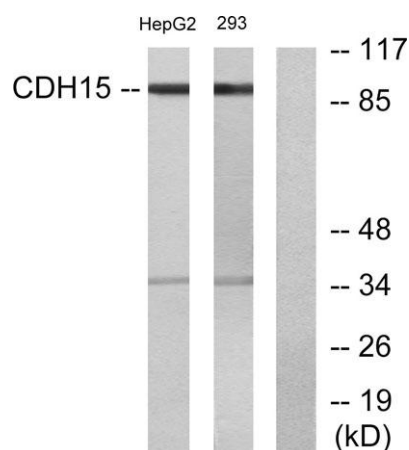
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	89kD
<b>Human Gene ID</b>	1013
<b>Human Swiss-Prot Number</b>	P55291
<b>Alternative Names</b>	CDH15; CDH14; CDH3; Cadherin-15; Cadherin-14; Muscle cadherin; M-cadherin

### Background

This gene is a member of the cadherin superfamily of genes, encoding calcium-dependent intercellular adhesion glycoproteins. Cadherins consist of an extracellular domain containing 5 cadherin domains, a transmembrane region, and a conserved cytoplasmic domain. Transcripts from this particular cadherin are expressed in myoblasts and upregulated in myotubule-forming cells. The protein is thought to be essential for the control of morphogenetic processes, specifically myogenesis, and may provide a trigger for terminal muscle cell differentiation. [provided by RefSeq, Jul 2008],



Western Blot analysis of various cells using M-cadherin Polyclonal Antibody diluted at 1:500



Western blot analysis of lysates from HepG2 and 293 cells, using CDH15 Antibody. The lane on the right is blocked with the synthesized peptide.



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