

Rabbit anti-Human M Cadherin (CDH15) Polyclonal Antibody | anti-CDH15 antibody

M Cadherin (CDH15) Antibody (C-term)

CATALOG # AAA287633	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

M Cadherin (CDH15); Polyclonal Antibody; M Cadherin (CDH15) Antibody (C-term); Cadherin-15; Cadherin-14; Muscle cadherin; M-cadherin; CDH15; CDH14; CDH3; anti-CDH15 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This M Cadherin (CDH15) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 739-767 amino acids from the C-terminal region of human M Cadherin (CDH15).
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.4 (varies by lot)
Sequence Positions	739-767
Sequence Length	814
Applicable Applications for anti-CDH15 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human skeletal muscle tissue reacted with CDH15 antibody (C-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of CDH15 (arrow) using rabbit polyclonal CDH15 Antibody (C-term).293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the CDH15 gene (Lane 2) (Origene Technologies).

ADDITIONAL INFORMATION

Related Product Information for anti-CDH15 antibody	CDH15 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. This protein is thought to be essential for the control of morphogenetic processes, specifically myogenesis, and may provide a trigger for terminal muscle cell differentiation.
Product Categories/Family for anti-CDH15 antibody	Cell Biology; Neuroscience; Signal Transduction
References	Kang,J.S., Proc. Natl. Acad. Sci. U.S.A. 100 (7), 3989-3994 (2003) Hollnagel,A., Mol. Cell. Biol. 22 (13), 4760-4770 (2002) Meigs,T.E., Proc. Natl. Acad. Sci. U.S.A. 98 (2), 519-524 (2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826669
NCBI GeneID	1013
NCBI Accession #	NP_004924.1
NCBI GenBank Nucleotide #	NM_004933.2
UniProt Accession #	P55291
Molecular Weight	88916
NCBI Official Full Name	cadherin-15 preproprotein
NCBI Official Synonym Full Names	cadherin 15, type 1, M-cadherin (myotubule)
NCBI Official Symbol	CDH15
NCBI Official Synonym Symbols	CDH3; CDHM; MCAD; MRD3; CDH14
NCBI Protein Information	cadherin-15
UniProt Protein Name	Cadherin-15
UniProt Gene Name	CDH15
UniProt Synonym Gene Names	CDH14; CDH3; M-cadherin
UniProt Entry Name	CAD15_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.