

Rabbit CDH15 Polyclonal Antibody | anti-CDH15 antibody

CDH15 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324213	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

CDH15; Polyclonal Antibody; CDH15 Antibody; CAD15_HUMAN; Cadherin 14; Cadherin 15; type 1; M cadherin (myotubule); Cadherin 3; Cadherin-14; Cadherin-15; Cadherin14; Cadherin15; Cadherin3; CCAD; CDH 14; CDH 15; CDH 3; CDH14; Cdh15; CDH3; CDHM; M-cadherin; MCAD; MRD3; Muscle cadherin; Myotubule cadherin; anti-CDH15 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CDH15 antibody detects endogenous levels of total CDH15
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	814
Applicable Applications for anti-CDH15 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
Tissue Specificity	Expressed in the brain and cerebellum.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Dog
Similarity	Pig (89%), Bovine (100%), Horse (100%), Sheep (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324213 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from HepG2 cells using CDH15 antibody. The lane on the left is treated with the antigen-specific peptide.



WB (Western Blot)

Western blot analysis of extracts from mouse brain, using CDH15 Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CDH15 antibody

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. M-cadherin is part of the myogenic program and may provide a trigger for terminal muscle differentiation. Similarity: Three calcium ions are usually bound at the interface of each cadherin domain and rigidify the connections, imparting a strong curvature to the full-length ectodomain.

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	Observed: 89 kD Predicted: 89 kDa
NCBI Official Full Name	cadherin-15 preproprotein
NCBI Official Synonym Full Names	cadherin 15
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

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.