

Datasheet for ABIN272294

anti-CDH15 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	0.1 mg
Target:	CDH15
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDH15 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Specificity:	This antibody detects endogenous levels of M-cadherin protein. (region surrounding Ala108)
Cross-Reactivity (Details):	Species reactivity (expected):Mouse and Rat. Species reactivity (tested):Human.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Purity:	> 95 % pure by SDS-PAGE

Target Details

Target:	CDH15
Alternative Name:	Cadherin-15 (CDH15 Products)
Background:	Cadherins are a multigene family of Ca ⁺⁺ -dependent cell adhesion molecules. They are transmembrane glycoproteins consisting of an extracellular domain, which mediates Ca ⁺⁺ -

Target Details

dependent intercellular adhesion by homophilic interactions, a transmembrane region and a cytoplasmic domain. The extracellular domain is divided into a series of subdomains designated EC1-EC5. Homologies between different members of the cadherin family are most prominent in the cytoplasmic domain and in EC1 and EC2 and much less so in EC5 of the extracellular domain and in the transmembrane region. The binding properties and specificities of the adhesive function are located in the N-terminal part of the molecules. Four members of the cadherin family have been identified and molecularly cloned from mammalian cells. These include the neuronal (N), epithelial (E), placental (P) and muscle (M) cadherins. M-cadherin is not found in fibroblasts but is expressed at low level in myoblasts and is upregulated following induction of myotube formation, suggesting a specific function in skeletal muscle cell differentiation. Synonyms: CDH14, CDH15, CDH3, Cadherin M, Cadherin-14, M-Cadherin, Muscle cadherin

Molecular Weight: approx. 91 kDa

Gene ID: 1013

NCBI Accession: [NP_004924](#)

UniProt: [P55291](#)

Application Details

Application Notes: ELISA: 1: 10000 approx. 1: 20000. WB: 1: 500 approx. 1: 1000.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Concentration: 1,0 mg/mL

Buffer: Phosphate buffered saline (PBS), pH 7.2., 15 mM sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: DO NOT FREEZE!

Storage: 4 °C

Handling

Storage Comment: Store the antibody undiluted at 2-8 °C.

Images

