

Datasheet for ABIN126736

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

Overview

Quantity:	0.1 mg
Target:	CDH15
Binding Specificity:	Extracellular Domain
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CDH15 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Recombinant extracellular domain of human M-cadherin. Epitope: Extracellular domain.
Clone:	21G4
Isotype:	IgG1
Specificity:	This antibody is directed against the extracellular domain of Human M-Cadherin .
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Characteristics:	Synonyms: Muscle cadherin, Cadherin-14, CDH15, CDH14, CDH3, Cadherin M, M-Cadherin
Purification:	Size Exclusion Chromatography.

Target Details

Target:	CDH15
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Target Details

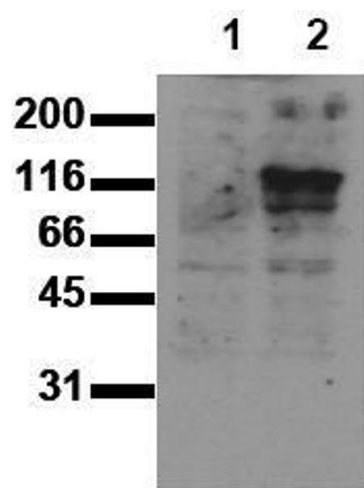
Alternative Name:	Cadherin-15 (CDH15 Products)
Background:	Cadherins are a family of transmembrane glycoproteins that play a key role in calcium-dependent cell-cell adhesion. Several members of the cadherin family have been identified so far, including E- (epithelial), P- (placental), N- (neuronal), and M- (muscle) cadherin. M-cadherin is expressed in myoblasts and might be involved in skeletal muscle cell differentiation.Synonyms: CDH14, CDH15, CDH3, Cadherin M, Cadherin-14, M-Cadherin, Muscle cadherin
Molecular Weight:	130 kDa
Gene ID:	1013
UniProt:	P55291

Application Details

Application Notes:	ELISA: 0.05 µg/mL. Immunocytochemistry: 5 µg/mL. Western Blot: 0.5 µg/mL for HRPO/ECL detection. Recommended blocking buffer: Casein/Tween 20 based blocking and blot incubationbuffer. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Reconstitution:	Restore with 1 mL H2O (15 min, RT).
Buffer:	1 mL2 x PBS containing 0.09 % Sodium Azide, PEG and Sucrose
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C/-80 °C
Storage Comment:	Store lyophilized (preferably in a desiccator) at -20 °Cand reconstituted (aliquote and freeze in liquid nitrogen) at -80 °C. Avoid repeated freezing and thawing. Thaw aliquots at 37 °C. Thawed aliquots may be stored at 4 °C up to 3 months. Shelf life: one year from despatch.
Expiry Date:	12 months



Western Blotting

Image 1.