

For Research Use Only

# M-cadherin Polyclonal antibody

Catalog Number: 29928-1-AP



## Basic Information

Catalog Number:

29928-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25763

GenBank Accession Number:

BC008951

GeneID (NCBI):

1013

UNIPROT ID:

P55291

Full Name:

cadherin 15, type 1, M-cadherin (myotubule)

Calculated MW:

89 kDa

Observed MW:

130 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, Rat

Positive Controls:

WB : C2C12 cells,

## Background Information

Cadherins are a family of transmembrane glycoproteins that mediate calcium-dependent cell-cell adhesion and play an important role in the maintenance of normal tissue architecture. M-cadherin (muscle cadherin), also known as CDH15 (cadherin-15), is a 124-kDa type I transmembrane glycoprotein that is highly expressed in developing skeletal muscle, satellite cells, and cerebellum (PMID: 9545347; 12052883). It associates with  $\beta$ -catenin and functions as a cell-cell adhesion molecule in a homophilic and specific manner (PMID: 9545347). M-cadherin is part of the myogenic program and may provide a trigger for terminal muscle differentiation (PMID: 1840697).

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

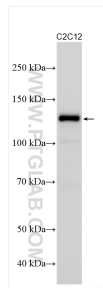
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



C2C12 cells were subjected to SDS PAGE followed by western blot with 29928-1-AP (M-cadherin antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.