

RecomAb™

CDH2 recombinant monoclonal antibody, clone R07-4F1

Catalog # RAB01639 Size 100 uL

Applications



Western Blot

Western blot analysis of N Cadherin in HepG2 lysates using human N Cadherin recombinant monoclonal antibody, clone R07-4F1 (Cat # RAB01639).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human N Cadherin.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human N Cadherin
Theoretical MW (kDa)	Calculated MW: 100 k
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunoprecipitation(1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at 4°C for short term. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

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

Applications

- Western Blot

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- Immunoprecipitation

Gene Info — CDH2

Entrez GeneID[1000](#)**Protein Accession#**[P19022](#)**Gene Name**

CDH2

Gene Alias

CD325, CDHN, CDw325, NCAD

Gene Description

cadherin 2, type 1, N-cadherin (neuronal)

Omim ID[114020](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene is a classical cadherin from the cadherin superfamily. The encoded protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a trans membrane region and a highly conserved cytoplasmic tail. The protein functions during gastrulation and is required for establishment of left-right asymmetry. At certain central nervous system synapses, presynaptic to postsynaptic adhesion is mediated at least in part by this gene product. [provided by RefSeq]

Other Designations

N-cadherin 1|cadherin 2, N-cadherin (neuronal)|cadherin 2, type 1|calcium-dependent adhesion protein, neuronal|neural cadherin

Pathway

- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)

- [Cell adhesion molecules \(CAMs\)](#)

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Laryngeal Neoplasms](#)
- [Mouth Neoplasms](#)
- [Pharyngeal Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Tooth Abnormalities](#)