

N-Cadherin Rabbit pAb

Catalog No.: A3045

18 Publications

Basic Information

Observed MW

80kDa/135kDa/130kDa

Calculated MW

100kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes a classical cadherin and member of the cadherin superfamily. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein is proteolytically processed to generate a calcium-dependent cell adhesion molecule and glycoprotein. This protein plays a role in the establishment of left-right asymmetry, development of the nervous system and the formation of cartilage and bone.

Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

1000

Swiss Prot

P19022

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 488-587 of human N-Cadherin (NP_001783.2).

Synonyms

CDHN; NCAD; ACOGS; ADHD8; CD325; ARVD14; CDw325; N-Cadherin

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

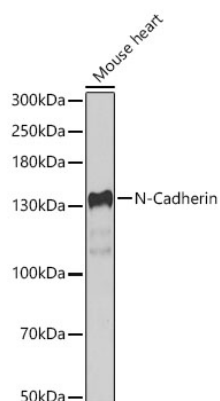
Affinity purification

Storage

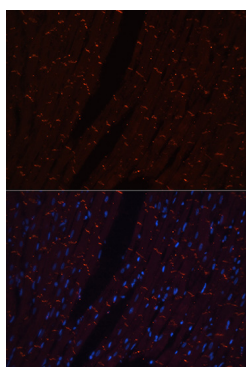
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

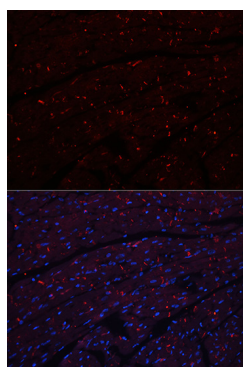
Validation Data



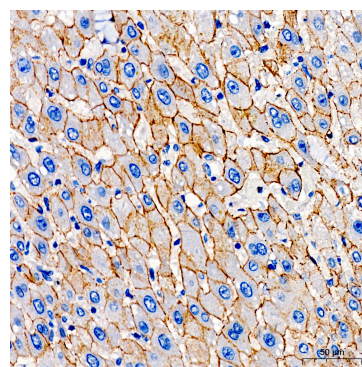
Western blot analysis of lysates from Mouse heart using N-Cadherin Rabbit pAb(A3045) at 1:1000 dilution. Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L)(A5014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection:ECL Basic Kit (RM00020). Exposure time:30s.



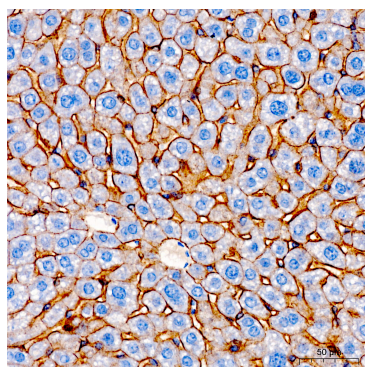
Immunofluorescence analysis of paraffin-embedded rat heart using N-Cadherin Rabbit pAb (A3045). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (A5007) at 1:500 dilution. Blue: DAPI for nuclear staining.



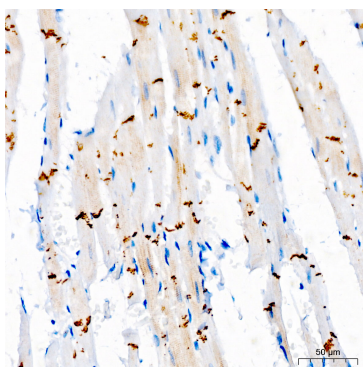
Immunofluorescence analysis of paraffin-embedded mouse heart using N-Cadherin Rabbit pAb (A3045). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (A5007) at 1:500 dilution. Blue: DAPI for nuclear staining.



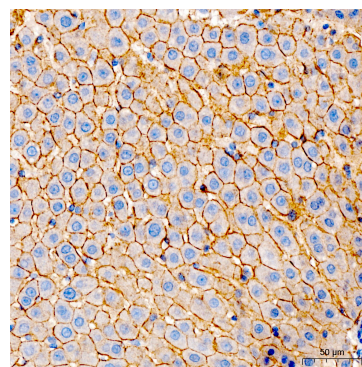
Immunohistochemistry analysis of N-Cadherin in paraffin-embedded human liver tissue using N-Cadherin Rabbit pAb (A3045) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of N-Cadherin in paraffin-embedded mouse liver tissue using N-Cadherin Rabbit pAb (A3045) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of N-Cadherin in paraffin-embedded rat heart tissue using N-Cadherin Rabbit pAb (A3045) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of N-Cadherin in paraffin-embedded rat liver tissue using N-Cadherin Rabbit pAb (A3045) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.