

# N-Cadherin Rabbit pAb

Catalog No.: A3045 **20 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

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

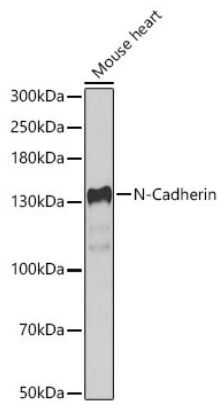
Affinity purification

### Storage

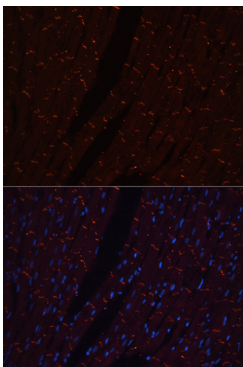
Store at -20°C. Avoid freeze / thaw cycles.

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

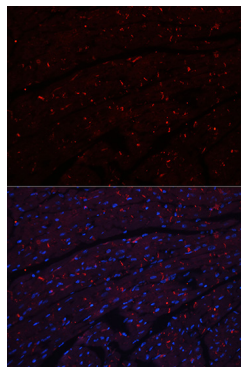
## Validation Data



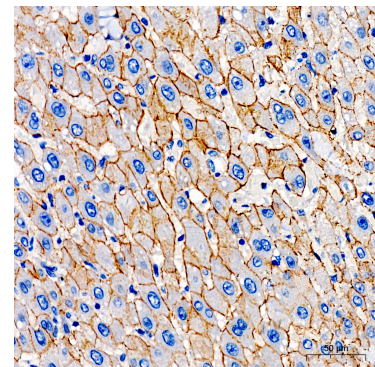
Western blot analysis of lysates from Mouse heart using N-Cadherin Rabbit pAb(A3045) at 1:1000 dilution. Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L)(AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection:ECL Basic Kit (RM00020). Exposure time:30s.



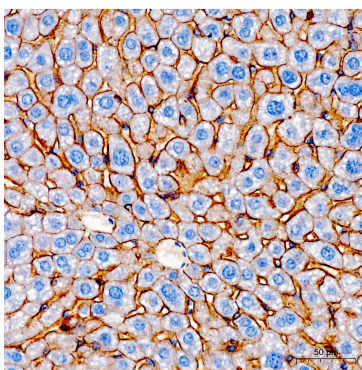
Immunofluorescence analysis of paraffin-embedded rat heart using N-Cadherin Rabbit pAb (A3045). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



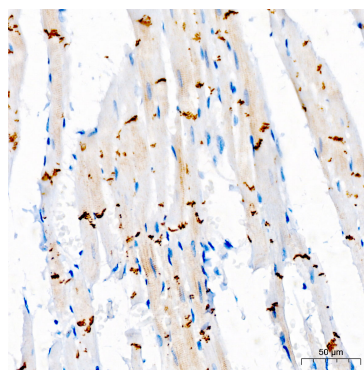
Immunofluorescence analysis of paraffin-embedded mouse heart using N-Cadherin Rabbit pAb (A3045). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



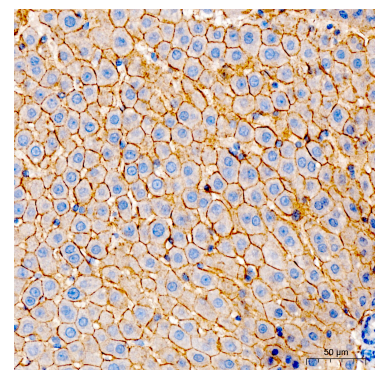
Immunohistochemistry analysis of N-Cadherin in paraffin-embedded human liver tissue using N-Cadherin Rabbit pAb (A3045) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



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.