

N-Cadherin Rabbit pAb

Catalog No.: A0433

52 Publications

Basic Information

Observed MW

140kDa

Calculated MW

100kDa

Category

Primary antibody

Applications

WB,IF-P,IHC-P,ELISA

Cross-Reactivity

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

IF-P 1:100-1:300

IHC-P 1:50 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

1000

Swiss Prot

P19022

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

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

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

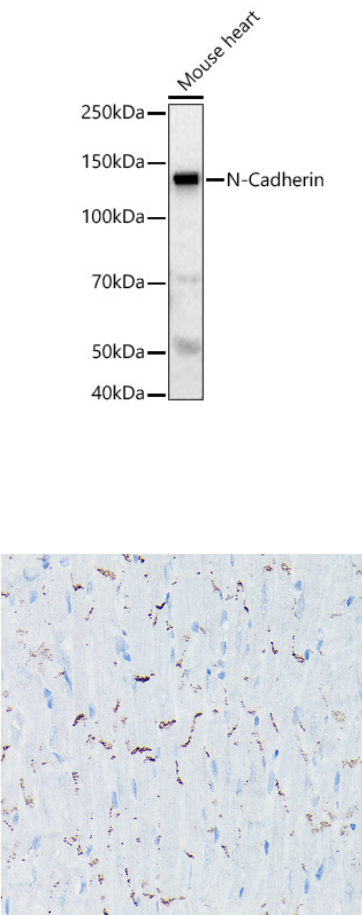
Affinity purification

Storage

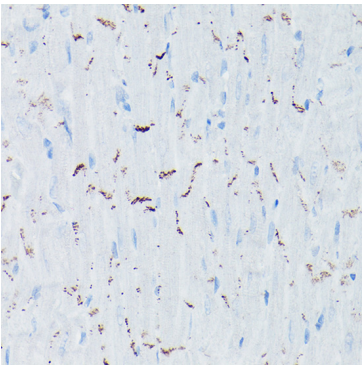
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

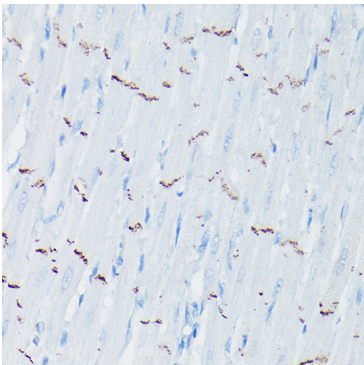
Validation Data



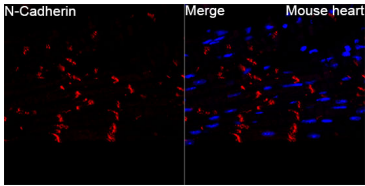
Western blot analysis of lysates from Mouse heart, using N-Cadherin Rabbit pAb (A0433) at 1:700 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



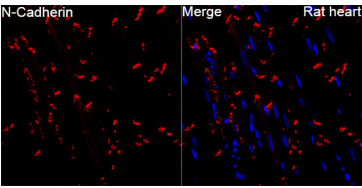
Immunohistochemistry analysis of paraffin-embedded Mouse heart using N-Cadherin Rabbit pAb (A0433) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat heart using N-Cadherin Rabbit pAb (A0433) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of paraffin-embedded Mouse heart tissue using N-Cadherin Rabbit pAb (A0433) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining.



Immunofluorescence analysis of paraffin-embedded Rat heart tissue using N-Cadherin Rabbit pAb (A0433) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining.