

N-Cadherin Rabbit pAb

Catalog No.: A0433 **34 Publications**

Basic Information

Observed MW

140kDa

Calculated MW

100kDa

Category

Primary antibody

Applications

WB,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

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

A synthetic peptide corresponding to a sequence within amino acids 807-906 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

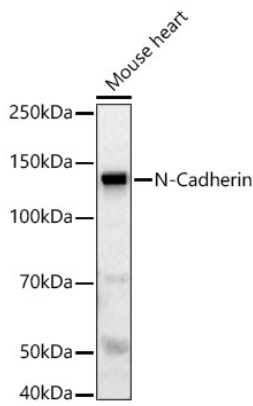
Affinity purification

Storage

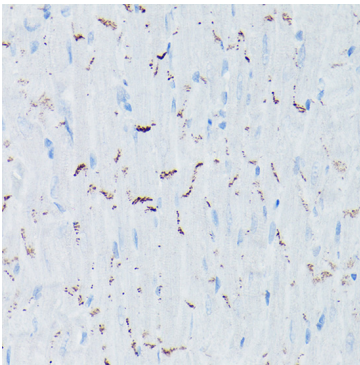
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

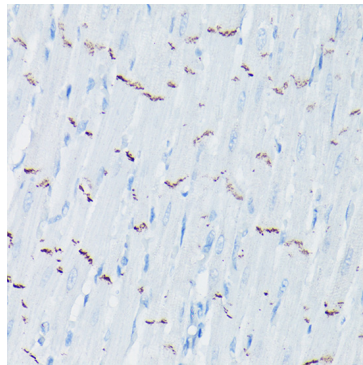
Validation Data



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 Bufferr (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 Bufferr (pH 6.0) prior to IHC staining.