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N-Cadherin Rabbit pAb

Catalog No.: A0433 24 Publications

Basic Information

Observed MW
140kDa

Calculated MW
100kDa

Category
Primary antibody

Applications
ELISA,WB,IHC-P

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

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

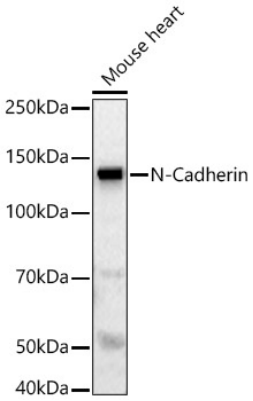
Source
Rabbit

Isotype
IgG

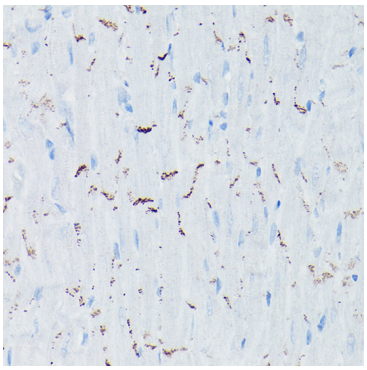
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

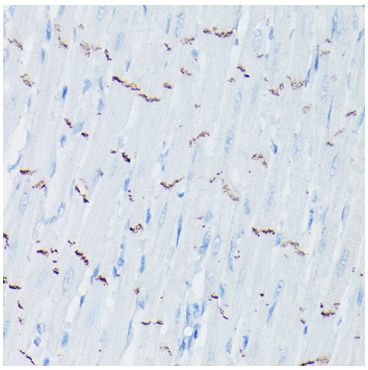
Validation Data



Western blot analysis of Mouse heart, using N-Cadherin antibody (A0433) at 1:700 dilution.
Secondary antibody: HRP 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).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat heart using N-Cadherin Rabbit pAb (A0433) at dilution of 1:50 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.