

[KO Validated] N-Cadherin Rabbit mAb

Catalog No.: A19083 **KO Validated** **Recombinant** **9 Publications**

Basic Information

Catalog No.

A19083

Observed MW

140kDa

Calculated MW

140kDa

Category

Primary antibody

Applications

WB,IHC,IF

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. [provided by RefSeq, Nov 2015]

Recommended Dilutions

WB	1:500 - 1:2000
IHC	1:50 - 1:200
IF	1:50 - 1:200

Immunogen Information

Gene ID	Swiss Prot
1000	P19022

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 100-200 of human N Cadherin (P19022).

Synonyms

CD325;CDHN;CDw325;NCAD;N Cadherin;CDH2

Contact

 | www.abclonal.com

Product Information

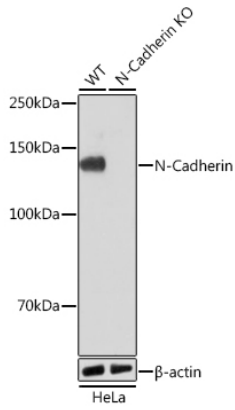
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts from wild type (WT) and N-Cadherin knockout (KO) HeLa cells, using N-Cadherin antibody (A19083) at 1:1000 dilution.

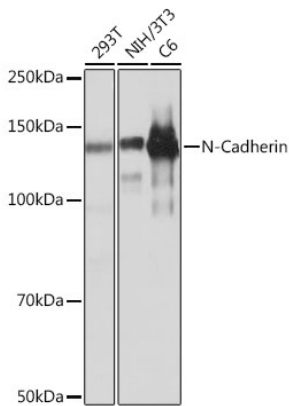
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1min.



Western blot analysis of extracts of various cell lines, using N-Cadherin antibody (A19083) at 1:1000 dilution.

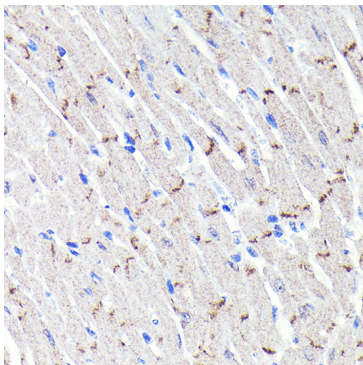
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

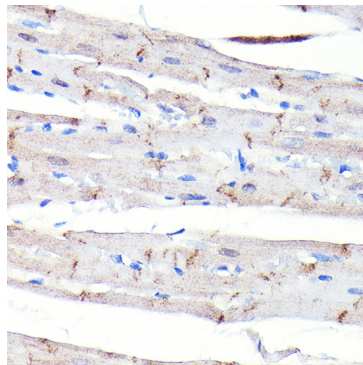
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

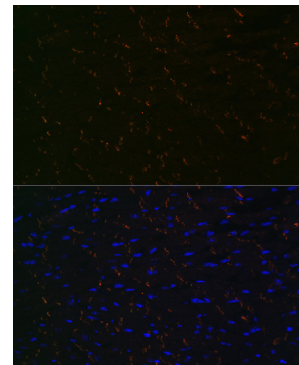
Exposure time: 1min.



Immunohistochemistry of paraffin-embedded mouse heart using N-Cadherin Rabbit mAb (A19083) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded rat heart using N-Cadherin Rabbit mAb (A19083) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunofluorescence analysis of mouse heart using N-Cadherin Rabbit mAb (A19083) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.