

[KO Validated] N-Cadherin Rabbit Polyclonal Antibody

CAB0432



Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

120KDa

Calculated MW:

97kDa/99kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Protein 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.

Immunogen information

Gene ID:

1000

Uniprot

P19022

Synonyms:

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

Antibody Information

Recommended dilutions:

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

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

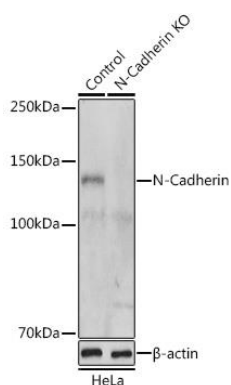
Immunogen:

A synthetic peptide corresponding to a sequence within amino acids 450-550 of human N-Cadherin (NP_001783.2).

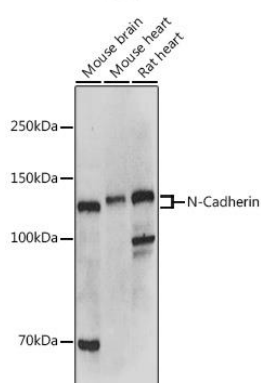
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

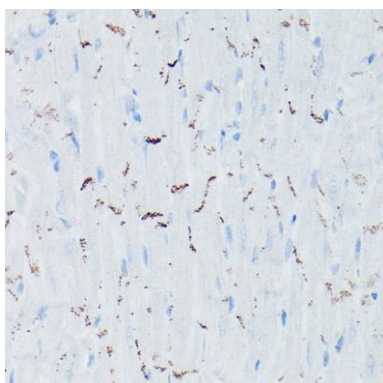
Product Images



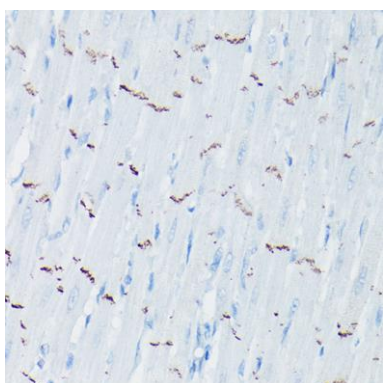
Western blot analysis of extracts from normal (control) and N-Cadherin knockout (KO) HeLa cells, using N-Cadherin antibody (CAB0432) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 1s.



Western blot analysis of extracts of various cell lines, using N-Cadherin antibody (CAB0432) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 1s.



Immunohistochemistry of paraffin-embedded mouse heart using N-Cadherin Rabbit pAb (CAB0432) at dilution of 1:50 (40x lens).



Immunohistochemistry of paraffin-embedded rat heart using N-Cadherin Rabbit pAb (CAB0432) at dilution of 1:50 (40x lens).