

[KO Validated] N-Cadherin Rabbit pAb

Catalog No.: A3045 **KO Validated** **9 Publications**

Basic Information

Catalog No.

A3045

Observed MW

80kDa/135kDa

Calculated MW

97kDa/99kDa

Category

Primary antibody

Applications

WB, IP

Cross-Reactivity

Human, Mouse, Rat

Recommended Dilutions

WB	1:500 - 1:1000
IP	1:50 - 1:100

Contact

 | www.abclonal.com

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 preprotein 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	Swiss Prot
1000	P19022

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 750-850 of human N-Cadherin (NP_001783.2).

Synonyms

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

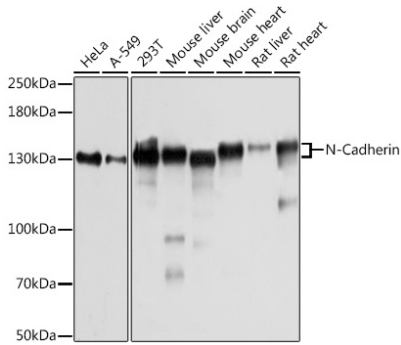
Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

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

Validation Data



Western blot analysis of extracts of various cell lines, using N-Cadherin antibody (A3045) at 1:1000 dilution.

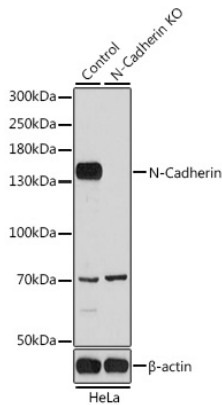
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.



Western blot analysis of extracts from normal (control) and N-Cadherin knockout (KO) HeLa cells, using N-Cadherin antibody (A3045) at 1:1000 dilution.

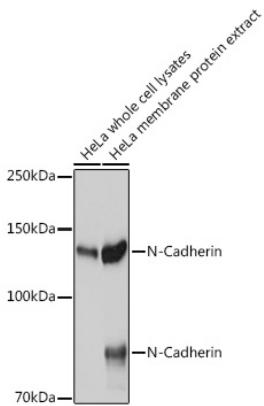
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.



Western blot analysis of extracts of HeLa cells, using N-Cadherin antibody (A3045) at 1:1000 dilution.

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

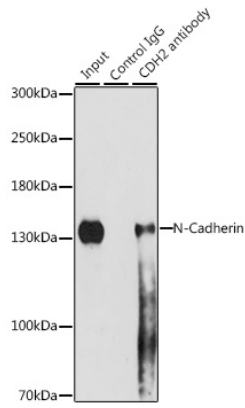
Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.

Validation Data



Immunoprecipitation analysis of 200ug extracts of HeLa cells, using 3 ug N-Cadherin antibody (A3045). Western blot was performed from the immunoprecipitate using N-Cadherin antibody (A3045) at a dilution of 1:1000.