

Product Datasheet

N-Cadherin Antibody (6F9G8)

NBP3-15654-100ul

Unit Size: 100 ul

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

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NBP3-15654-100ul

N-Cadherin Antibody (6F9G8)

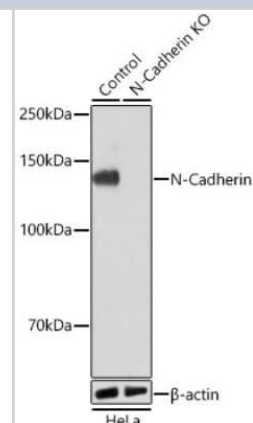
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	6F9G8
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA

Product Description	
Description	Novus Biologicals Knockout (KO) Validated Rabbit N-Cadherin Antibody (6F9G8) (NBP3-15654) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1000
Gene Symbol	CDH2
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human N Cadherin (P19022). AKFLIYAQDKETQEKWQVAVKLSLKPTLTEESVKESAEVEEIVFPRQFSKHSGH LQRQKRDWVIPPINLPENSRGPFPPQELVRIRSDRDKNLSLRYSVTGP

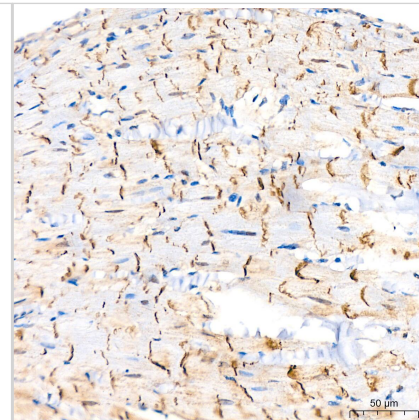
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockout Validated
Recommended Dilutions	Western Blot 1:500 - 1:2000, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200, Knockout Validated

Images

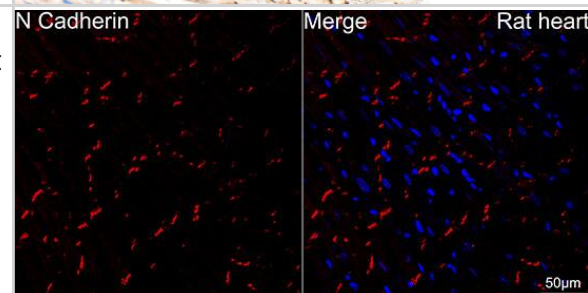
Western Blot: N-Cadherin Antibody (6F9G8) [NBP3-15654] - Western blot analysis of extracts from normal (control) and N-Cadherin knockout (KO) HeLa cells, using N-Cadherin antibody (NBP3-15654) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1 min.



Immunohistochemistry: N-Cadherin Antibody (6F9G8) [N-Cadherin] - Immunohistochemistry analysis of paraffin-embedded Rat heart tissue using [KO Validated] N-Cadherin Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunocytochemistry/ Immunofluorescence: N-Cadherin Antibody (6F9G8) [N-Cadherin] - Confocal imaging of paraffin-embedded rat heart using [KO Validated] N-Cadherin Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . DAPI was used for nuclear staining (Blue). Objective: 40x. High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IF staining.



Western Blot: N-Cadherin Antibody (6F9G8) [N-Cadherin] - Western blot analysis of lysates from C2C12 cells using [KO Validated] N-Cadherin Rabbit mAb at 1:1000 dilution incubated overnight at 4C.

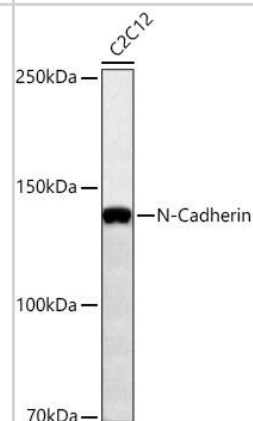
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25 ug per lane.

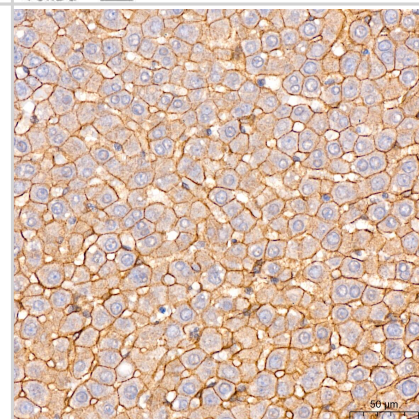
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit .

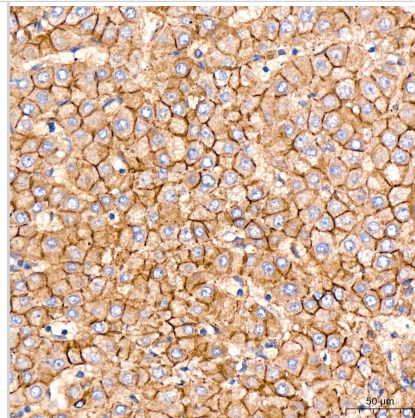
Exposure time: 60s.



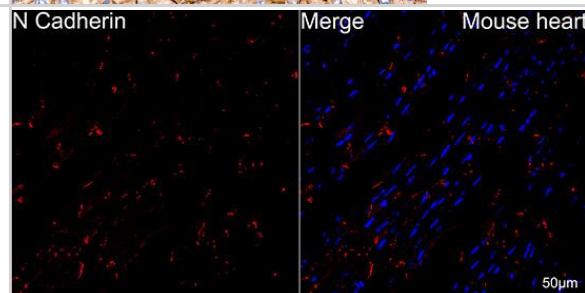
Immunohistochemistry: N-Cadherin Antibody (6F9G8) [N-Cadherin] - Immunohistochemistry analysis of paraffin-embedded Rat liver tissue using [KO Validated] N-Cadherin Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



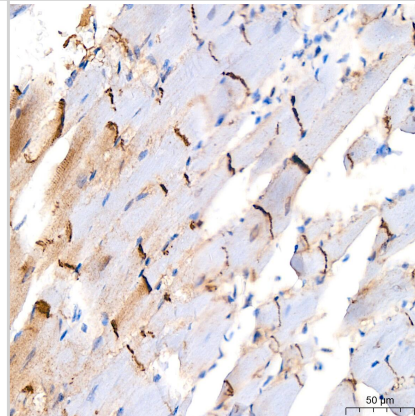
Immunohistochemistry: N-Cadherin Antibody (6F9G8) [N-Cadherin] - Immunohistochemistry analysis of paraffin-embedded Human liver tissue using [KO Validated] N-Cadherin Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunocytochemistry/ Immunofluorescence: N-Cadherin Antibody (6F9G8) [N-Cadherin] - Confocal imaging of paraffin-embedded Mouse heart using [KO Validated] N-Cadherin Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . DAPI was used for nuclear staining (Blue). Objective: 40x. High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IF staining.



Immunohistochemistry: N-Cadherin Antibody (6F9G8) [N-Cadherin] - Immunohistochemistry analysis of paraffin-embedded Mouse heart tissue using [KO Validated] N-Cadherin Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Western Blot: N-Cadherin Antibody (6F9G8) [N-Cadherin] - Western blot analysis of lysates from C6 cells using [KO Validated] N-Cadherin Rabbit mAb at 1:1000 dilution incubated overnight at 4C.

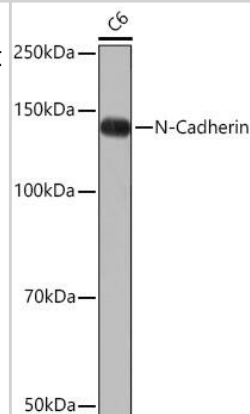
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25 ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit .

Exposure time: 10s.





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Products Related to NBP3-15654-100ul

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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