

Product Datasheet

N-Cadherin Antibody NBP2-19459

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 1

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Updated 9/25/2025 v.20.1

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NBP2-19459

N-Cadherin Antibody

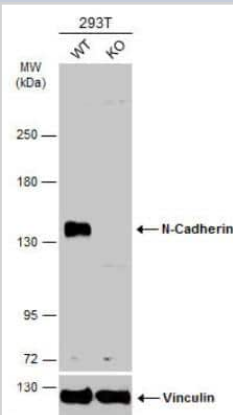
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 1% BSA, 20% Glycerol
Target Molecular Weight	100 kDa

Product Description	
Description	Novus Biologicals Knockout (KO) Validated Rabbit N-Cadherin Antibody (NBP2-19459) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-N-Cadherin Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1000
Gene Symbol	CDH2
Species	Human, Mouse, Rat
Reactivity Notes	Xenopus laevis (82%).
Marker	Mesenchymal Cells Marker
Immunogen	Recombinant protein encompassing a sequence within the center region of human N-Cadherin. The exact sequence is proprietary.

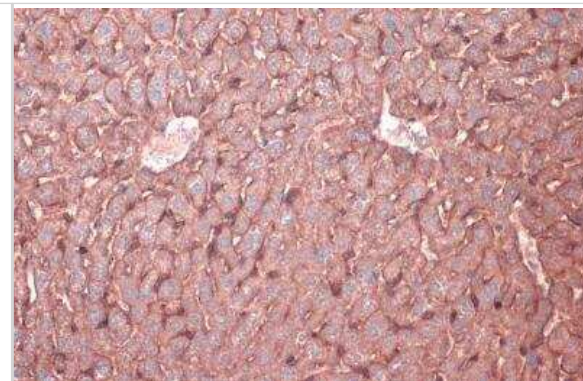
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockout Validated
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Knockout Validated

Images

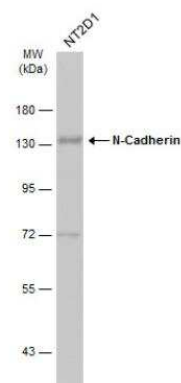
Western Blot: N-Cadherin Antibody [NBP2-19459] - Wild-type (WT) and N-Cadherin knockout (KO) 293T cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with N-Cadherin antibody diluted at 1:500. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



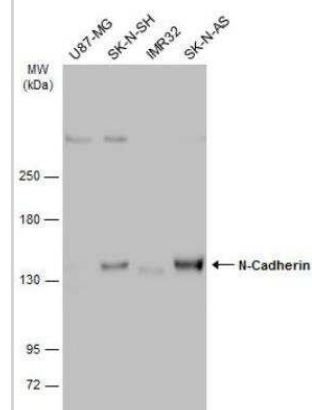
Immunohistochemistry-Paraffin: N-Cadherin Antibody [NBP2-19459] - Mouse liver. N-Cadherin stained by N-Cadherin antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



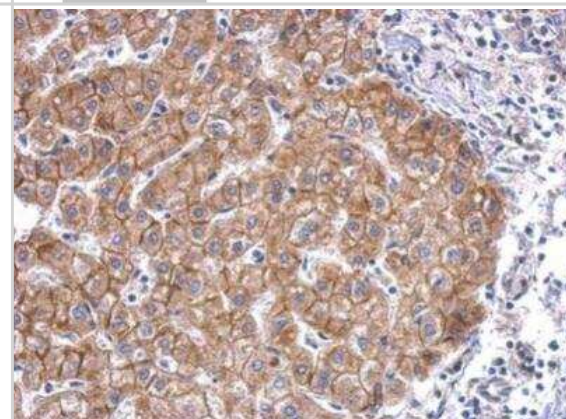
Western Blot: N-Cadherin Antibody [NBP2-19459] - Whole cell extract (30 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with N-Cadherin antibody [N1N3] diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



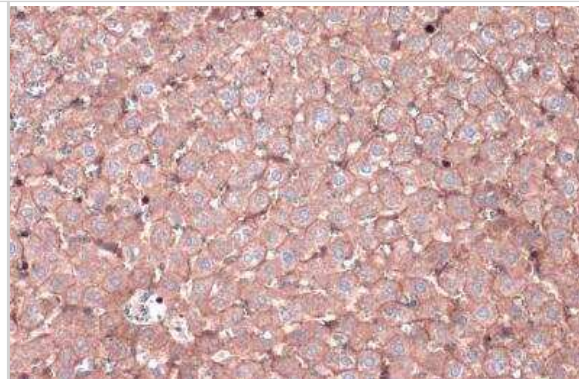
Western Blot: N-Cadherin Antibody [NBP2-19459] - Various whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with N-Cadherin antibody [N1N3] diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody



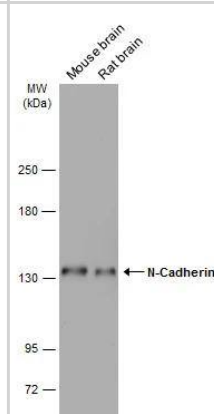
Immunohistochemistry-Paraffin: N-Cadherin Antibody [NBP2-19459] - Human hepatoma. N-Cadherin antibody [N1N3] dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



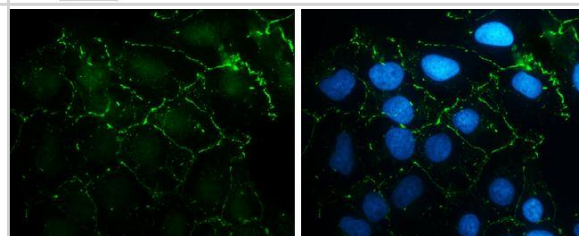
Immunohistochemistry-Paraffin: N-Cadherin Antibody [NBP2-19459] - Rat liver. N-Cadherin stained by N-Cadherin antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



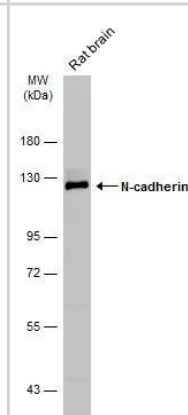
Various tissue extracts (50 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with N-Cadherin antibody [N1N3] (NBP2-19459) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



N-Cadherin antibody [N1N3] detects N-Cadherin protein at cell membrane by immunofluorescent analysis. Sample: NT2D1 cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: N-Cadherin stained by N-Cadherin antibody [N1N3] (NBP2-19459) diluted at 1:500. Blue: Hoechst 33342 staining.



Rat tissue extract (50 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with N-cadherin antibody (NBP2-19459) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



N-Cadherin antibody [N1N3] detects N-Cadherin protein by western blot analysis.

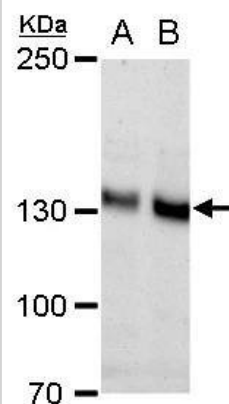
A. 30 ug PC-12 whole cell extract

B. 30 ug Rat2 whole cell extract

5% SDS-PAGE

N-Cadherin antibody [N1N3] (NBP2-19459) dilution: 1:1000

The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Publications

Po JW, Roohullah A, Lynch D et al. Improved ovarian cancer EMT-CTC isolation by immunomagnetic targeting of epithelial EpCAM and mesenchymal N-cadherin. *J Circ Biomark* 2018-06-24 [PMID: 30013673] (ICC/IF, Human)



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Products Related to NBP2-19459

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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