

Product Datasheet

N-Cadherin Antibody NBP2-19457

Unit Size: 0.1 ml

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

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NBP2-19457

N-Cadherin Antibody

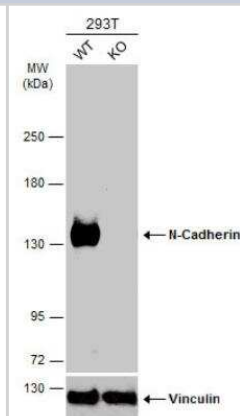
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS (pH 7), 20% Glycerol, 1% BSA
Target Molecular Weight	100 kDa

Product Description	
Host	Rabbit
Gene ID	1000
Gene Symbol	CDH2
Species	Human, Mouse, Rat
Marker	Mesenchymal Cells Marker
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human N-Cadherin. The exact sequence is proprietary.

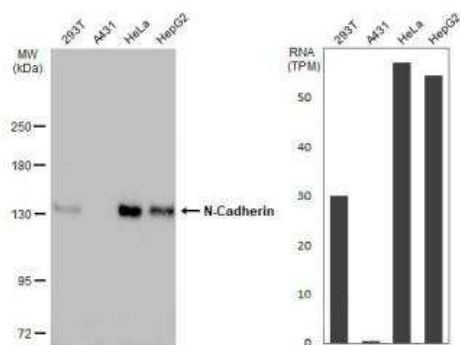
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Knockout Validated
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/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

Images

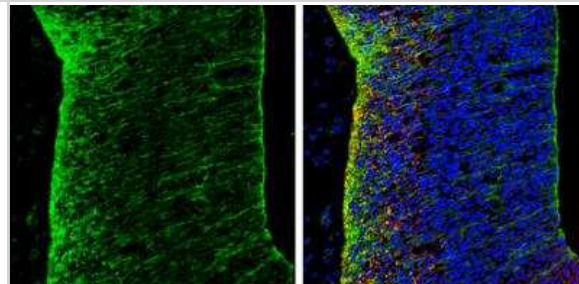
Knockout Validated: N-Cadherin Antibody [NBP2-19457] - Wild-type (WT) and N-Cadherin knockout (KO) 293T cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with N-Cadherin antibody diluted at 1:500. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



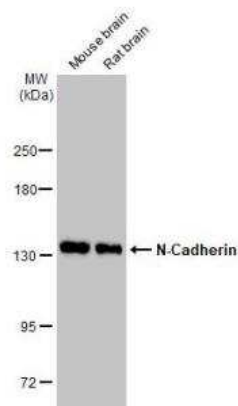
Western Blot: N-Cadherin Antibody [NBP2-19457] - Various whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with N-Cadherin antibody diluted at 1:1000. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



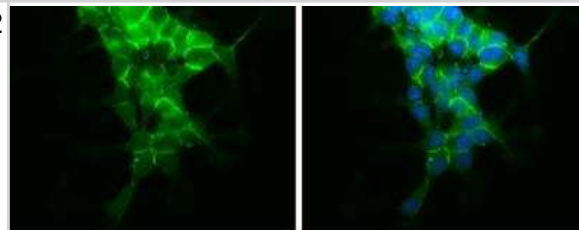
Immunohistochemistry-Frozen: N-Cadherin Antibody [NBP2-19457] - Frozen sectioned E13.5 Rat brain. Green: N-Cadherin protein stained by N-Cadherin antibody diluted at 1:250. Red: beta Tubulin 3/ TUJ1, a mature neuron marker, stained by beta Tubulin 3/ TUJ1 antibody [11710] diluted at 1:500. Blue: Fluoroshield with DAPI.



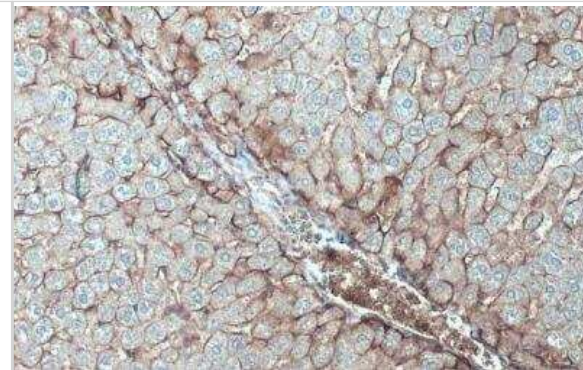
Western Blot: N-Cadherin Antibody [NBP2-19457] - Various tissue extracts (50 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with N-Cadherin antibody diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



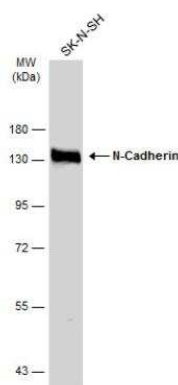
Immunocytochemistry/Immunofluorescence: N-Cadherin Antibody [NBP2-19457] - SH-SY5Y cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: N-Cadherin protein stained by N-Cadherin antibody diluted at 1:500. Blue: Hoechst 33342 staining.



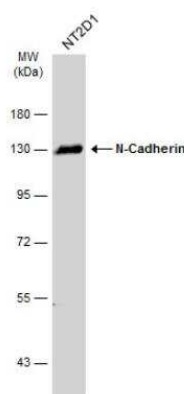
Immunohistochemistry-Paraffin: N-Cadherin Antibody [NBP2-19457] - Mouse liver. N-Cadherin stained by N-Cadherin antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



Western Blot: N-Cadherin Antibody [NBP2-19457] - Whole cell extract (30 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with N-Cadherin antibody 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 [NBP2-19457] - Whole cell extract (30 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with N-Cadherin antibody diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



Immunohistochemistry-Frozen: N-Cadherin Antibody [NBP2-19457] - Frozen section of embryonic mouse brain (mE18.5). N-Cadherin antibody diluted at 1:500.



Publications

Fulong Yu, Liang Li, Yimei Gu, Song Wang, Lianbang Zhou, Xiaohu Cheng, Heng Jiang, Yang Huang, Yingfeng Zhang, Wenbao Qian, Xianghua Li, Zhining Liu Lysine demethylase 5C inhibits transcription of prefoldin subunit 5 to activate c-Myc signal transduction and colorectal cancer progression Molecular Medicine 2024-01-12 [PMID: 38216914]



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Products Related to NBP2-19457

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-59927-50ug	Recombinant Human N-Cadherin His Protein

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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