

# Product Datasheet

## N-Cadherin Antibody - BSA Free NBP2-19460

Unit Size: 0.1 ml

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

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Updated 9/9/2025 v.20.1

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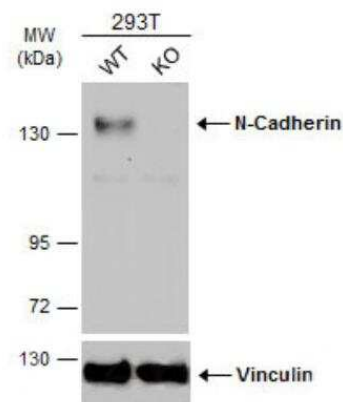
**NBP2-19460**

N-Cadherin Antibody - BSA Free

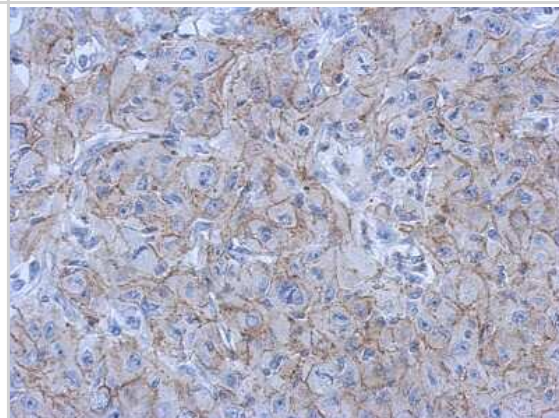
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Thimerosal
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	0.1M Tris, 0.1M Glycine, 20% Glycerol
<b>Target Molecular Weight</b>	100 kDa
Product Description	
<b>Description</b>	Novus Biologicals Knockout (KO) Validated Rabbit N-Cadherin Antibody - BSA Free (NBP2-19460) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	1000
<b>Gene Symbol</b>	CDH2
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Zebrafish (81%), Xenopus tropicalis (89%).
<b>Marker</b>	Mesenchymal Cells Marker
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human N-Cadherin. The exact sequence is proprietary.
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Knockout Validated
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence Assay dependent, Immunohistochemistry-Paraffin 1:100-1:1000, Immunohistochemistry-Frozen 1:100-1:1000, Knockout Validated

## Images

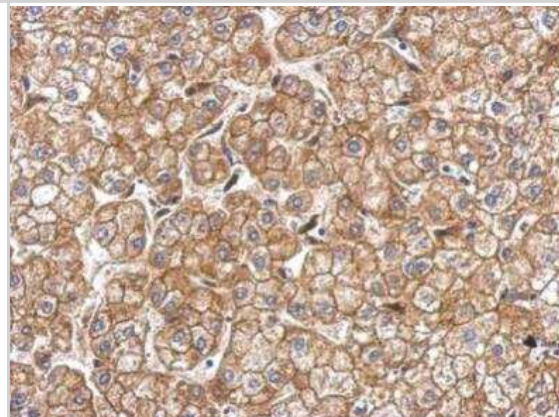
Western Blot: N-Cadherin Antibody [NBP2-19460] - Wild-type (WT) and N-Cadherin knockout (KO) 293T cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with N-Cadherin antibody diluted at 1:500. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



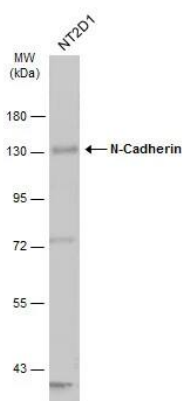
Immunohistochemistry-Paraffin: N Cadherin Antibody [NBP2-19460] - Immunohistochemical analysis of paraffin-embedded Mahlarvu xenograft, using antibody at 1:500 dilution.



Immunohistochemistry-Paraffin: N-Cadherin Antibody [NBP2-19460] - Paraffin-embedded hepatoma. N-Cadherin antibody [N2C1], Internal dilution: 1:500.



Western Blot: N-Cadherin Antibody [NBP2-19460] - Whole cell extract (30 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with N-Cadherin antibody [N2C1], Internal (NBP2-19460) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



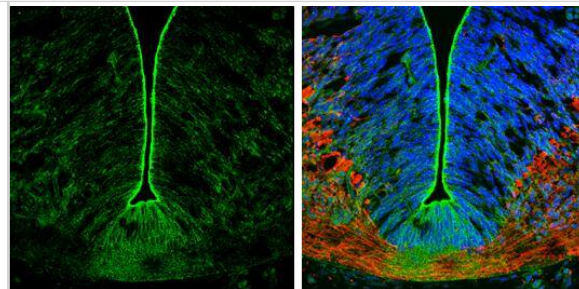
N-Cadherin antibody [N2C1], Internal detects N-Cadherin protein expression by immunohistochemical analysis.

Sample: Frozen sectioned E13.5 Rat brain.

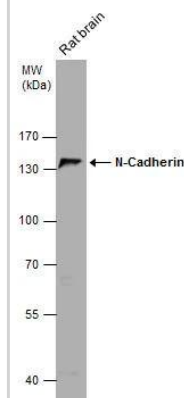
Green: N-Cadherin protein stained by N-Cadherin antibody [N2C1], Internal (NBP2-19460) diluted at 1:250.

Red: beta Tubulin 3/ TUJ1, a mature neuron marker, stained by beta Tubulin 3/ TUJ1 antibody [GT11710] diluted at 1:500.

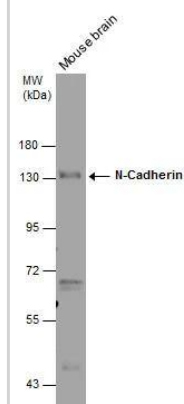
Blue: Fluoroshield with DAPI .



Rat tissue extract (50 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with N-Cadherin antibody [N2C1], Internal (NBP2-19460) diluted at 1:1000.



Mouse tissue extract (50 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with N-Cadherin antibody [N2C1], Internal (NBP2-19460) diluted at 1:1000.





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### **Products Related to NBP2-19460**

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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

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### **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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