

Product Datasheet

N-Cadherin Antibody (CL3716) - BSA Free NBP2-61632

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-61632

N-Cadherin Antibody (CL3716) - BSA Free

Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL3716
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	100 kDa

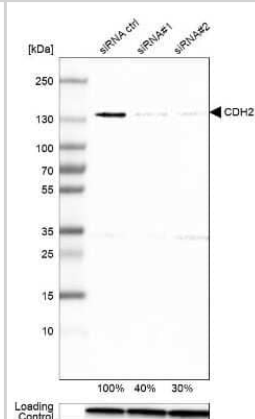
Product Description	
Description	Novus Biologicals Mouse N-Cadherin Antibody (CL3716) - BSA Free (NBP2-61632) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	1000
Gene Symbol	CDH2
Species	Human
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	This antibody was developed using a recombinant protein derived from P19022, with the exact immunogen sequence remaining proprietary.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. For ICC/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

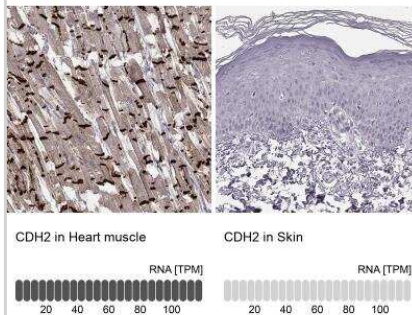


Images

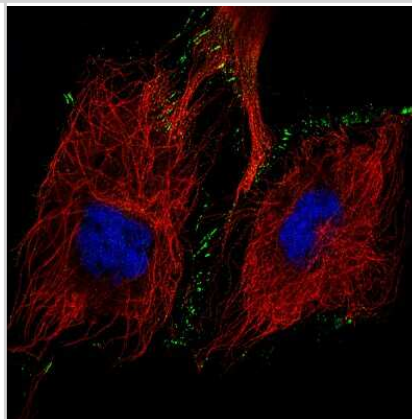
Western Blot: N-Cadherin Antibody (CL3716) [NBP2-61632] - Analysis in U-251MG cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-CDH2 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



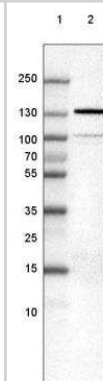
Immunohistochemistry-Paraffin: N-Cadherin Antibody (CL3716) [NBP2-61632] - Staining in human heart muscle and skin tissues. Corresponding CDH2 RNA-seq data are presented for the same tissues.



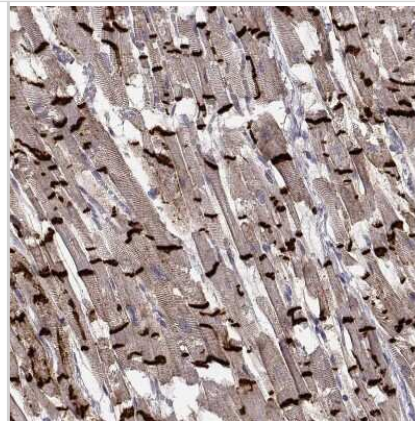
Immunocytochemistry/Immunofluorescence: N-Cadherin Antibody (CL3716) [NBP2-61632] - Staining of U-251 cells using the Anti-CDH2 monoclonal antibody, showing specific staining in the plasma membrane and cell junctions in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



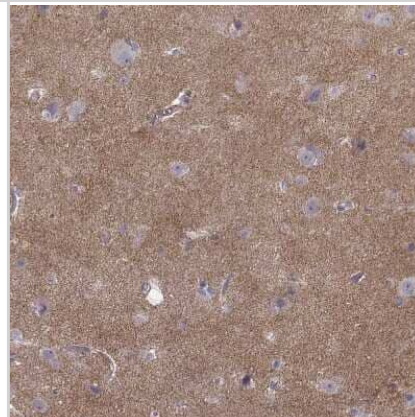
Western Blot: N-Cadherin Antibody (CL3716) [NBP2-61632] - Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10 Lane 2: Human cell line U-251 MG



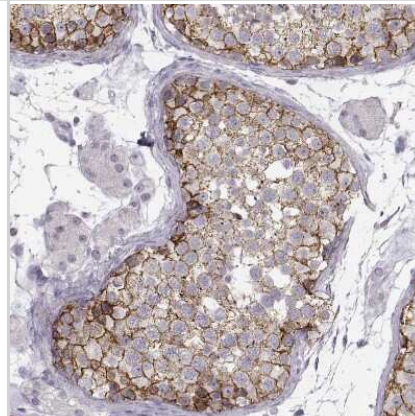
Immunohistochemistry-Paraffin: N-Cadherin Antibody (CL3716) [NBP2-61632] - Staining of human heart muscle shows strong positivity in the intercalated discs of cardiomyocytes.



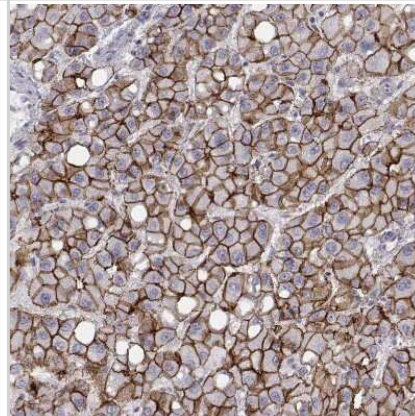
Immunohistochemistry-Paraffin: N-Cadherin Antibody (CL3716) [NBP2-61632] - Staining of human cerebral cortex shows moderate positivity in neuropil.



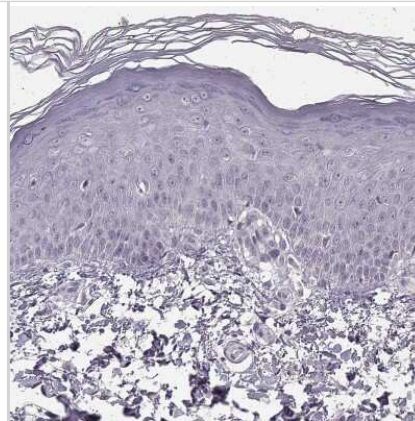
Immunohistochemistry-Paraffin: N-Cadherin Antibody (CL3716) [NBP2-61632] - Staining of human testis shows strong membranous positivity in cells in seminiferous ducts.



Immunohistochemistry-Paraffin: N-Cadherin Antibody (CL3716) [NBP2-61632] - Staining of human liver cancer (hepatocellular carcinoma) shows moderate to strong membranous positivity in tumor cells.



Immunohistochemistry-Paraffin: N-Cadherin Antibody (CL3716) [NBP2-61632] - Staining of human skin shows no positivity in epidermal cells as expected.





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Products Related to NBP2-61632

NBP2-61632PEP	N-Cadherin Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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