

# Product Datasheet

## CHD1 Antibody - BSA Free NBP2-14478

Unit Size: 0.1 ml

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

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Updated 12/2/2025 v.20.1

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**NBP2-14478**

CHD1 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>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

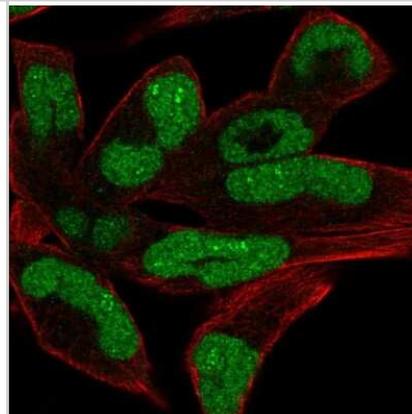
Product Description	
<b>Description</b>	Novus Biologicals Rabbit CHD1 Antibody - BSA Free (NBP2-14478) is a polyclonal antibody validated for use in IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	1105
<b>Gene Symbol</b>	CHD1
<b>Species</b>	Human
<b>Reactivity Notes</b>	Rat (88%).
<b>Immunogen</b>	This antibody was developed against a recombinant protein corresponding to the amino acids: QESQQNSDQNSNLNPHVIRNPDVERLKENTNHDDSSRDSYSSDRHLTQYHDH HKDRHQGDSYKKSDSRKRPYSSFSNGKDRDWDHYKQDSRYYSREKHRKL DDHRSRDHRSNLEGLS

Product Application Details	
<b>Applications</b>	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation-exo-Seq
<b>Recommended Dilutions</b>	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200, Chromatin Immunoprecipitation-exo-Seq 1-10ug per reaction
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

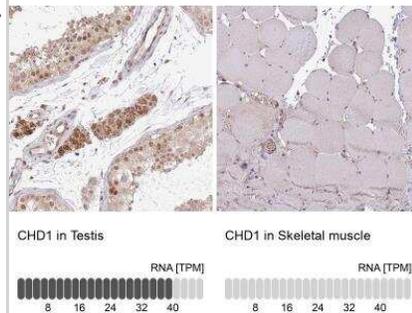


## Images

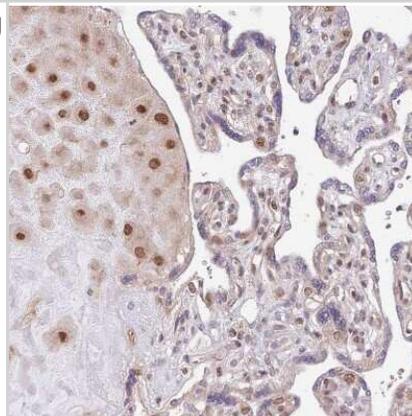
Immunocytochemistry/Immunofluorescence: CHD1 Antibody [NBP2-14478] - Staining of human cell line RH-30 shows localization to nucleus & nucleoli fibrillar center. Antibody staining is shown in green.



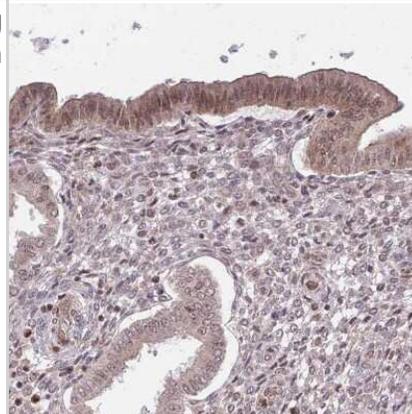
Immunohistochemistry-Paraffin: CHD1 Antibody [NBP2-14478] - Staining in human testis and skeletal muscle tissues.. Corresponding CHD1 RNA-seq data are presented for the same tissues.



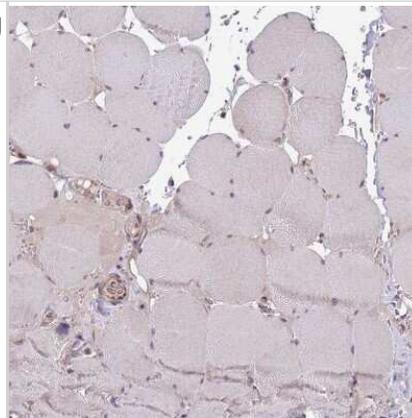
Immunohistochemistry-Paraffin: CHD1 Antibody [NBP2-14478] - Staining of human placenta shows moderate to strong nuclear positivity.



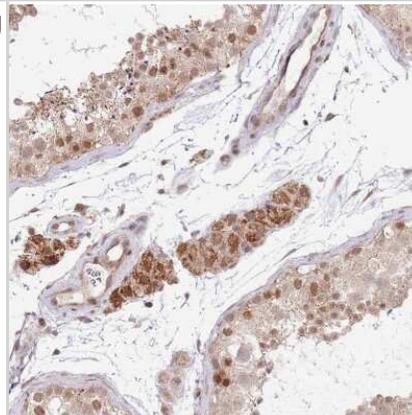
Immunohistochemistry-Paraffin: CHD1 Antibody [NBP2-14478] - Staining of human endometrium shows weak to moderate cytoplasmic positivity in glandular cells.



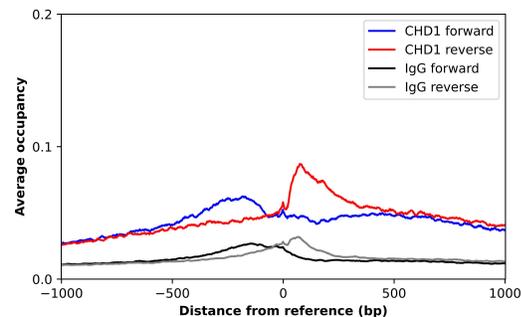
Immunohistochemistry-Paraffin: CHD1 Antibody [NBP2-14478] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Immunohistochemistry-Paraffin: CHD1 Antibody [NBP2-14478] - Staining of human testis shows moderate nuclear positivity in cells in seminiferous ducts.



ChIP-Exo-Seq composite graph for Anti-CHD1 (NBP2-14478) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-14478**

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NBP2-14478PEP	CHD1 Recombinant Protein Antigen
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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