

# Product Datasheet

## CLDND1 Antibody - BSA Free

### NBP1-86790

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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**NBP1-86790**

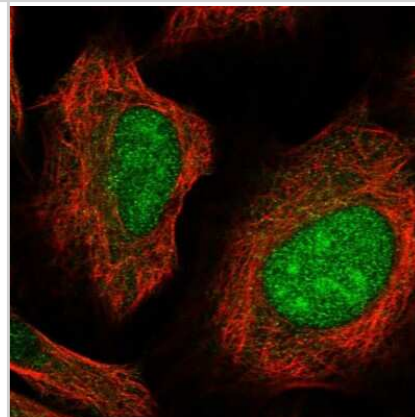
CLDND1 Antibody - BSA Free

| 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                     | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                                                                                                                 |
| Clonality                   | Polyclonal                                                                                                                                                                                             |
| Preservative                | 0.02% Sodium Azide                                                                                                                                                                                     |
| Isotype                     | IgG                                                                                                                                                                                                    |
| Purity                      | Immunogen affinity purified                                                                                                                                                                            |
| Buffer                      | PBS (pH 7.2) and 40% Glycerol                                                                                                                                                                          |
| Product Description         |                                                                                                                                                                                                        |
| Description                 | Novus Biologicals Rabbit CLDND1 Antibody - BSA Free (NBP1-86790) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                        | Rabbit                                                                                                                                                                                                 |
| Gene ID                     | 56650                                                                                                                                                                                                  |
| Gene Symbol                 | CLDND1                                                                                                                                                                                                 |
| Species                     | Human                                                                                                                                                                                                  |
| Reactivity Notes            | Immunogen displays the following percentage of sequence identity for non-tested species: Rat (89%)                                                                                                     |
| Immunogen                   | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>NMHWYSPPERTESFDVVTCKVSFTLTEQFMEKFVDPGNHNSGIDLLR TYLWRC                                                        |
| Product Application Details |                                                                                                                                                                                                        |
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry                                                                                              |
| Recommended Dilutions       | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200                                       |
| Application Notes           | For IHC-Paraffin, HIER pH 6 retrieval is recommended.<br>Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.                                                       |

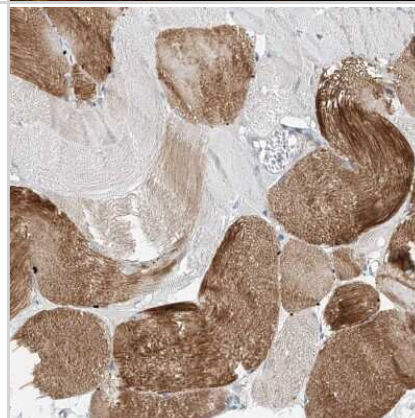


## Images

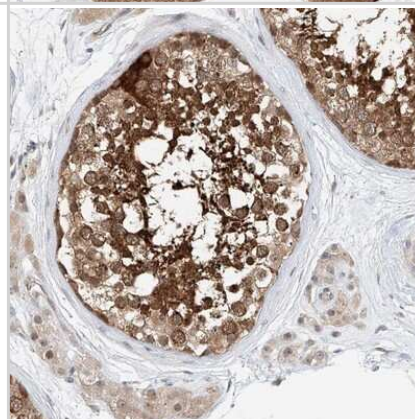
Immunocytochemistry/Immunofluorescence: CLDND1 Antibody [NBP1-86790] - Immunofluorescent staining of human cell line U-2 OS shows localization to nucleus & nucleoli.



Immunohistochemistry-Paraffin: CLDND1 Antibody [NBP1-86790] - Staining of human skeletal muscle shows weak cytoplasmic positivity in myocytes.



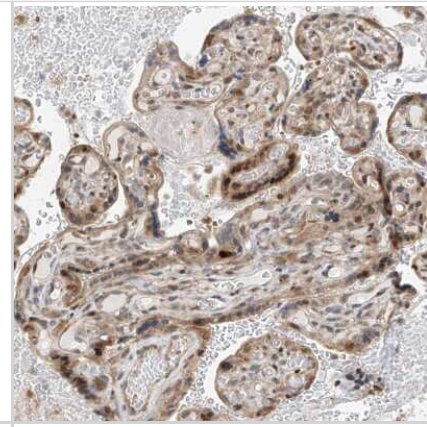
Immunohistochemistry-Paraffin: CLDND1 Antibody [NBP1-86790] - Staining of human testis shows strong nucleus and cytoplasmic positivity of cells in seminiferous ducts.



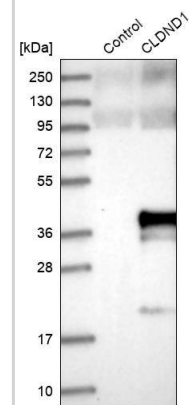
Immunohistochemistry-Paraffin: CLDND1 Antibody [NBP1-86790] - Staining of human cerebellum shows moderate cytoplasmic positivity in Purkinje cells.



Immunohistochemistry-Paraffin: CLDND1 Antibody [NBP1-86790] - Staining of human placenta shows weak cytoplasmic positivity in trophoblastic cells.



Analysis in control (vector only transfected HEK293T lysate) and CLDND1 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells).





### **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](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP1-86790**

|               |                                                     |
|---------------|-----------------------------------------------------|
| NBP1-86790PEP | CLDND1 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                          |

### **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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