

# Product Datasheet

## PDCL3 Antibody - BSA Free

### NBP1-80627

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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**NBP1-80627**

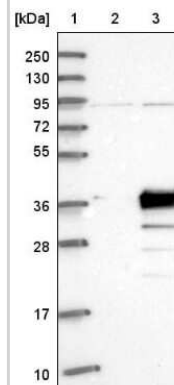
PDCL3 Antibody - BSA Free

| 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 PDCL3 Antibody - BSA Free (NBP1-80627) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-PDCL3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                        | Rabbit                                                                                                                                                                                                                                                    |
| Gene ID                     | 79031                                                                                                                                                                                                                                                     |
| Gene Symbol                 | PDCL3                                                                                                                                                                                                                                                     |
| Species                     | Human                                                                                                                                                                                                                                                     |
| Reactivity Notes            | Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (84%), Rat (84%)                                                                                                                                           |
| Immunogen                   | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>IGPLVFGGMNLTRDELEWKLSGAIMTDLEENPKKPIEDVLLSSVRRSVLMKR<br>DSDSEGD                                                                                                  |
| 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.                                                                                                          |

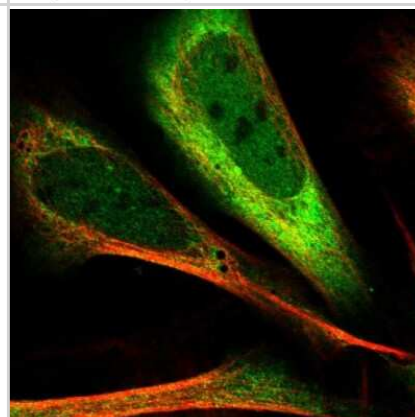


## Images

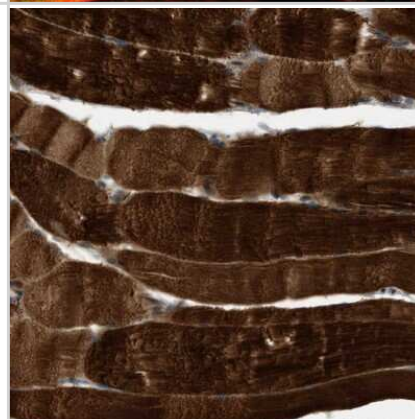
Western Blot: PDCL3 Antibody [NBP1-80627] - Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10. Lane 2: Negative control (vector only transfected HEK293T lysate). Lane 3: Over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



Immunocytochemistry/Immunofluorescence: PDCL3 Antibody [NBP1-80627] - Immunofluorescent staining of human cell line U-2 OS shows localization to nucleus & cytosol.



Immunohistochemistry-Paraffin: PDCL3 Antibody [NBP1-80627] - Staining of human skeletal muscle shows strong cytoplasmic positivity in myocytes.



## Publications

Takahashi H, KUhtreiber WM, Keefe RC et al. BCG vaccinations drive epigenetic changes to the human T cell receptor: Restored expression in type 1 diabetes Science advances 2022-11-18 [PMID: 36383663] (ELISA, Human)



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### **Products Related to NBP1-80627**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| NBP1-80627PEP | PDCL3 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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