

# Product Datasheet

## POLG2 Antibody - BSA Free

### NBP1-83227

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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**NBP1-83227**

POLG2 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                                                                                    |

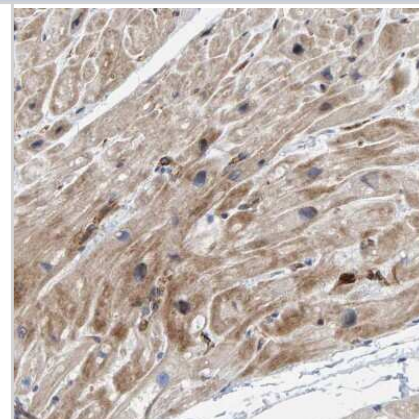
| Product Description |                                                                                                                                                                                                                              |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                | Rabbit                                                                                                                                                                                                                       |
| Gene ID             | 11232                                                                                                                                                                                                                        |
| Gene Symbol         | POLG2                                                                                                                                                                                                                        |
| Species             | Human                                                                                                                                                                                                                        |
| Reactivity Notes    | Immunogen displays the following percentage of sequence identity for non-tested species: Rat (89%), Mouse (86%)                                                                                                              |
| Immunogen           | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>LDRGMLAYLYDSFQLTENSFTRKKNLHRKVLKLHPCLAPIKVALDVGRGPTLEL<br>RQVCQGLFNELLENGISVWPGYLETMQSSLEQLYSKYDEMSILFTVLVTETTLE<br>NGLIHLRSRDTTMKE |

| Product Application Details |                                                                             |
|-----------------------------|-----------------------------------------------------------------------------|
| Applications                | Immunohistochemistry, Immunohistochemistry-Paraffin                         |
| Recommended Dilutions       | Immunohistochemistry 1:20 - 1:50, Immunohistochemistry-Paraffin 1:20 - 1:50 |
| Application Notes           | For IHC-Paraffin, HIER pH 6 retrieval is recommended.                       |

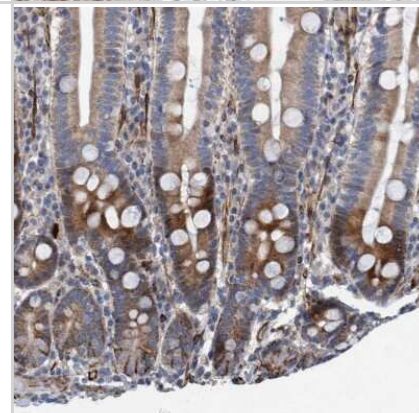


## Images

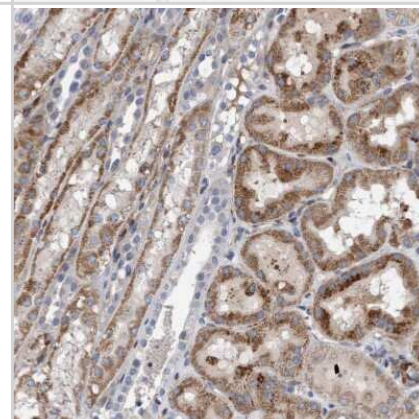
Immunohistochemistry-Paraffin: POLG2 Antibody [NBP1-83227] - Staining of human heart muscle shows cytoplasmic positivity.



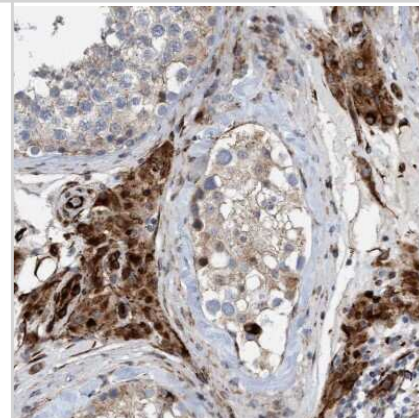
Immunohistochemistry-Paraffin: POLG2 Antibody [NBP1-83227] - Staining of human duodenum shows cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: POLG2 Antibody [NBP1-83227] - Staining of human kidney shows moderate granular cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: POLG2 Antibody [NBP1-83227] - Staining of human testis shows positivity in Leydig cells.





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### **Products Related to NBP1-83227**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| NBP1-83227PEP | POLG2 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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