

# Product Datasheet

## PCK2 Antibody - BSA Free NBP2-33685

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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**NBP2-33685**

PCK2 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>        | Immunogen affinity purified                                                                                      |
| <b>Buffer</b>        | PBS (pH 7.2) and 40% Glycerol                                                                                    |

**Product Description**

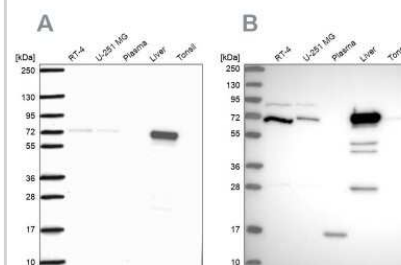
|                    |                                                                                                                                                                                                      |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Novus Biologicals Rabbit PCK2 Antibody - BSA Free (NBP2-33685) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>        | Rabbit                                                                                                                                                                                               |
| <b>Gene ID</b>     | 5106                                                                                                                                                                                                 |
| <b>Gene Symbol</b> | PCK2                                                                                                                                                                                                 |
| <b>Species</b>     | Human                                                                                                                                                                                                |
| <b>Immunogen</b>   | This antibody was developed against a recombinant protein corresponding to amino acids:<br>NARVLDWICRRLEGEDSARETPIGLVPKEGALDLSGLRAIDTTQLFSLPKDFWE<br>QEVDIRSYLTEQVNQDLPKEVLAELE                      |

**Product Application Details**

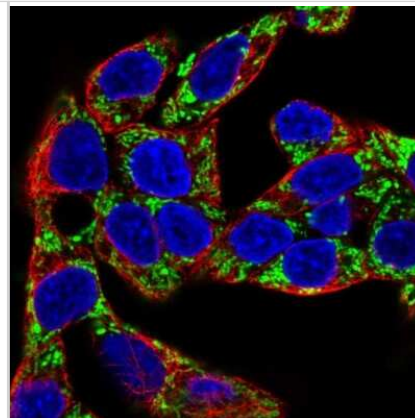
|                              |                                                                                                                                                                        |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry                                                              |
| <b>Recommended Dilutions</b> | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500 |
| <b>Application Notes</b>     | For IHC-Paraffin, HIER pH 6 retrieval is recommended.<br>Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.                       |

**Images**

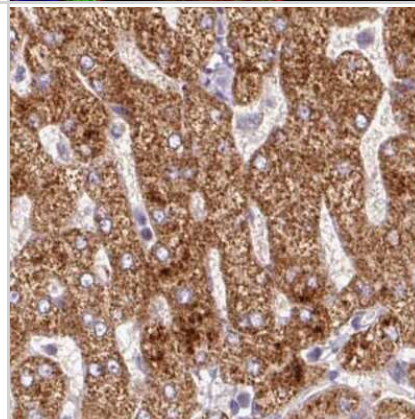
Western Blot: PCK2 Antibody [NBP2-33685] - Analysis using Anti-PCK2 antibody NBP2-33685 (A) shows similar pattern to independent antibody NBP2-33606 (B).



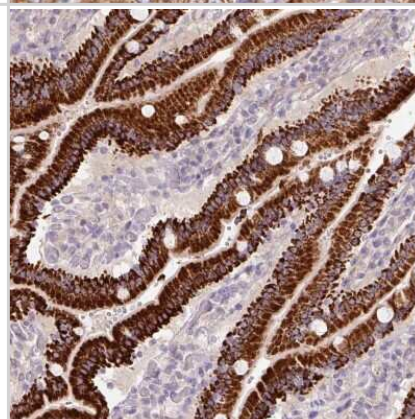
Immunocytochemistry/Immunofluorescence: PCK2 Antibody [NBP2-33685] - Immunofluorescent staining of human cell line Hep G2 shows localization to mitochondria. Antibody staining is shown in green.



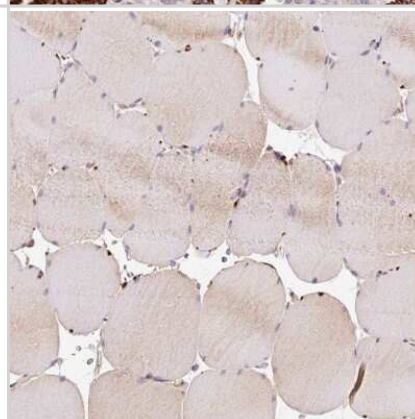
Immunohistochemistry-Paraffin: PCK2 Antibody [NBP2-33685] - Staining of human liver.



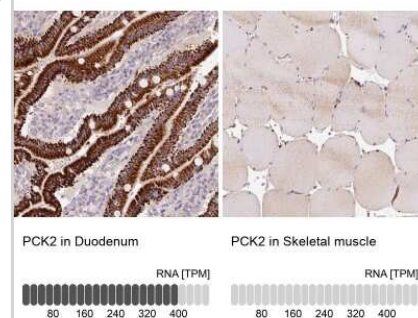
Immunohistochemistry-Paraffin: PCK2 Antibody [NBP2-33685] - Staining of human duodenum shows high expression.



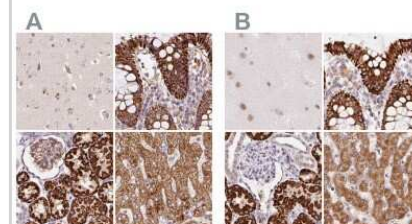
Immunohistochemistry-Paraffin: PCK2 Antibody [NBP2-33685] - Staining of human skeletal muscle shows low expression as expected.



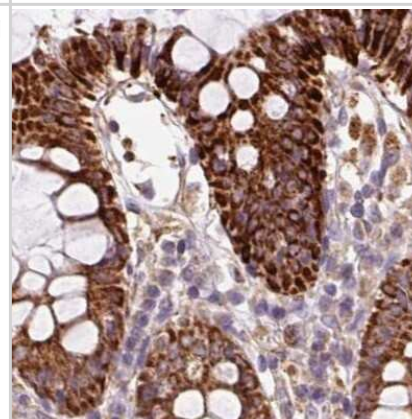
Immunohistochemistry-Paraffin: PCK2 Antibody [NBP2-33685] - Staining in human duodenum and skeletal muscle tissues using anti-PCK2 antibody. Corresponding PCK2 RNA-seq data are presented for the same tissues.



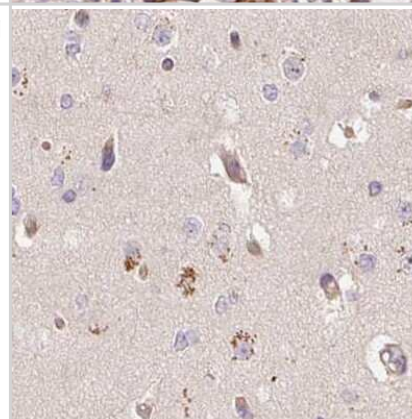
Immunohistochemistry-Paraffin: PCK2 Antibody [NBP2-33685] - Staining of human cerebral cortex, colon, kidney and liver using Anti-PCK2 antibody NBP2-33685 (A) shows similar protein distribution across tissues to independent antibody NBP2-33606 (B).



Immunohistochemistry-Paraffin: PCK2 Antibody [NBP2-33685] - Staining of human colon.



Immunohistochemistry-Paraffin: PCK2 Antibody [NBP2-33685] - Staining of human cerebral cortex.



Immunohistochemistry-Paraffin: PCK2 Antibody [NBP2-33685] - Staining of human kidney. 





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### **Products Related to NBP2-33685**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| NBP2-33685PEP | PCK2 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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