

# Product Datasheet

## PCK2 Antibody - BSA Free NBP2-33606

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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**NBP2-33606**

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**

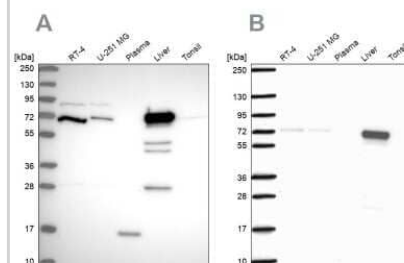
<b>Host</b>	Rabbit
<b>Gene ID</b>	5106
<b>Gene Symbol</b>	PCK2
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (80%)
<b>Immunogen</b>	This antibody was developed against a recombinant protein corresponding to amino acids: RLNWHGLSPLGWPSQRSIQTLRVLSGDLGQLPTGIRDFVEHSARLCQPEGIHIC DGTEAENTATLTLLLEQQGLIRKLPKYNNCWLARTDPKD

**Product Application Details**

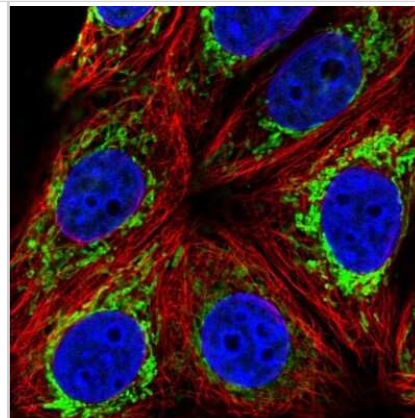
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

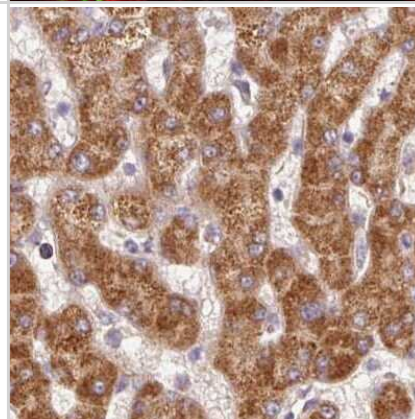
Western Blot: PCK2 Antibody [NBP2-33606] - Analysis using Anti-PCK2 antibody NBP2-33606 (A) shows similar pattern to independent antibody NBP2-33685 (B).



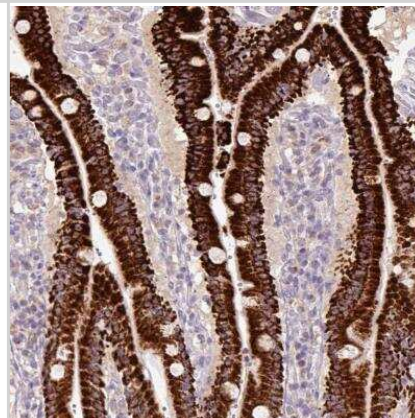
Immunocytochemistry/Immunofluorescence: PCK2 Antibody [NBP2-33606] - Immunofluorescent staining of human cell line MCF7 shows localization to mitochondria.



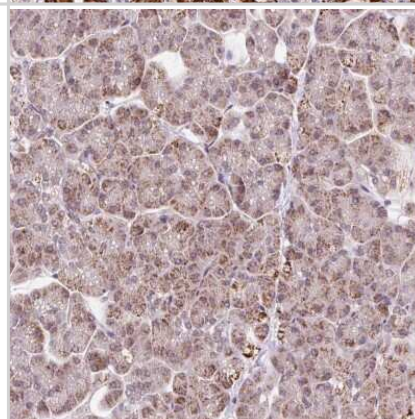
Immunohistochemistry-Paraffin: PCK2 Antibody [NBP2-33606] - Staining of human liver.



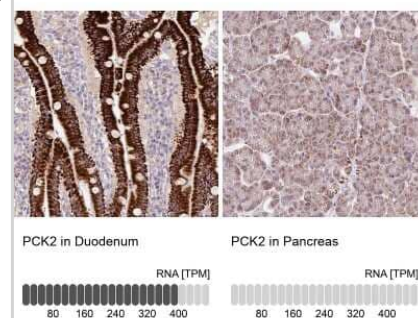
Immunohistochemistry: PCK2 Antibody [NBP2-33606] - Immunohistochemical staining of human duodenum shows strong granular cytoplasmic positivity in glandular cells.



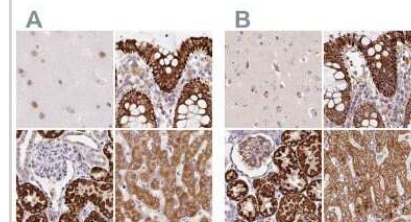
Immunohistochemistry-Paraffin: PCK2 Antibody [NBP2-33606] - Staining of human pancreas shows low expression as expected.



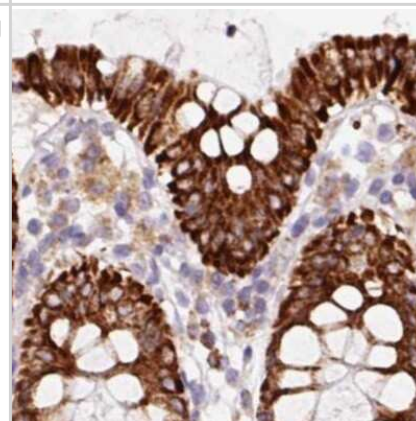
Immunohistochemistry-Paraffin: PCK2 Antibody [NBP2-33606] - Staining in human duodenum and pancreas tissues using anti-PCK2 antibody. Corresponding PCK2 RNA-seq data are presented for the same tissues.



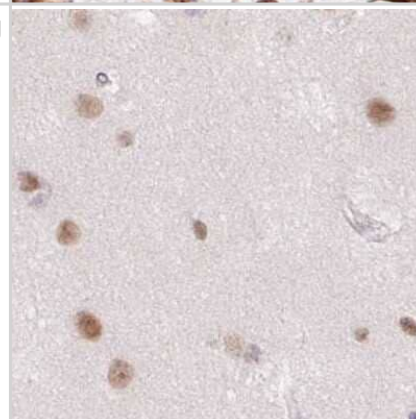
Immunohistochemistry-Paraffin: PCK2 Antibody [NBP2-33606] - Staining of human cerebral cortex, colon, kidney and liver using Anti-PCK2 antibody NBP2-33606 (A) shows similar protein distribution across tissues to independent antibody NBP2-33685 (B).



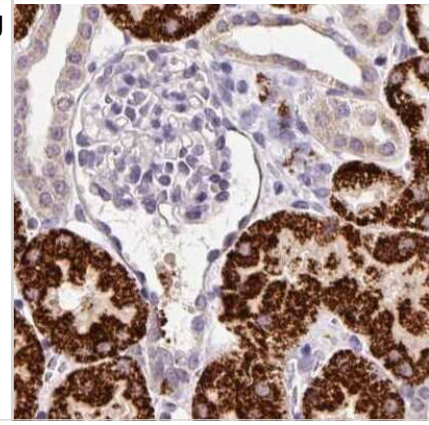
Immunohistochemistry-Paraffin: PCK2 Antibody [NBP2-33606] - Staining of human colon.



Immunohistochemistry-Paraffin: PCK2 Antibody [NBP2-33606] - Staining of human cerebral cortex.



Immunohistochemistry-Paraffin: PCK2 Antibody [NBP2-33606] - Staining of human kidney.







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### **Products Related to NBP2-33606**

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NBP2-33606PEP	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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