

Product Datasheet

PCK1 Antibody NBP1-54825

Unit Size: 100ul

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 2

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NBP1-54825**PCK1 Antibody****Product Information**

Unit Size	100ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS and 2% Sucrose
Target Molecular Weight	69 kDa

Product Description

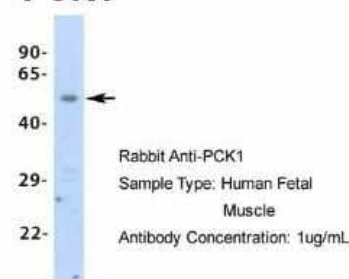
Host	Rabbit
Gene ID	5105
Gene Symbol	PCK1
Species	Human
Immunogen	Synthetic peptides corresponding to PCK1 (phosphoenolpyruvate carboxykinase 1 (soluble)) The peptide sequence was selected from the middle region of PCK1. Peptide sequence NGFFGVAPGTSVKTNPNAIKTIQKNTIFTNVAETSDGGVYWEGIDEPLAS. The peptide sequence for this immunogen was taken from within the described region.
Notes	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.

Product Application Details

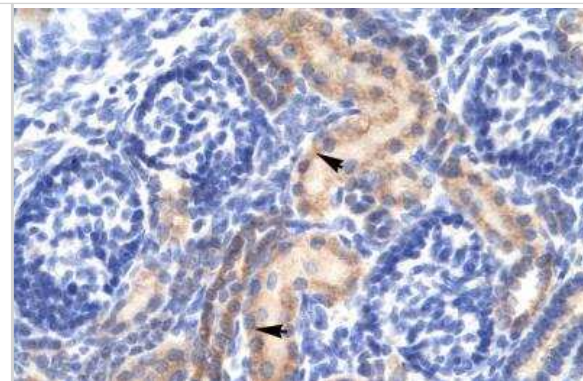
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1.0 ug/ml, Immunohistochemistry 4.0-8.0 ug/ml, Immunohistochemistry-Paraffin 4.0-8.0 ug/ml
Application Notes	This is a rabbit polyclonal antibody against PCK1 and was validated on Western Blot and immunohistochemistry-P

Images

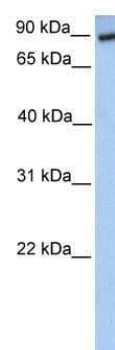
Western Blot: PCK1 Antibody [NBP1-54825] - Human Fetal Muscle, Antibody Dilution: 1.0 ug/ml.

PCK1

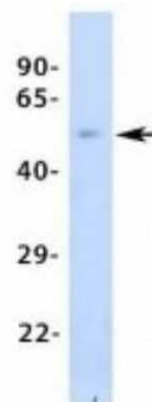
Immunohistochemistry-Paraffin: PCK1 Antibody [NBP1-54825] - Human kidney Tissue, antibody concentration 4-8ug/ml. Cells with positive label: renal corpuscle cells (indicated with arrows) 400X magnification.



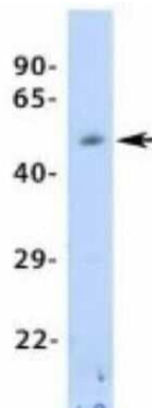
Western Blot: PCK1 Antibody [NBP1-54825] - Human Fetal Brain Lysate, concentration 1.0ug/ml.



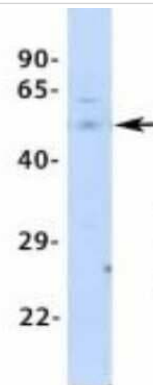
Western Blot: PCK1 Antibody [NBP1-54825] - Human Adult Placenta, Antibody Dilution: 1.0 ug/ml.



Western Blot: PCK1 Antibody [NBP1-54825] - Human Fetal Heart, Antibody Dilution: 1.0 ug/ml.

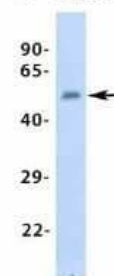


Western Blot: PCK1 Antibody [NBP1-54825] - Human Fetal Liver,
Antibody Dilution: 1.0 ug/ml.



Western Blot: PCK1 Antibody [NBP1-54825] - Human Fetal Lung,
Antibody Dilution: 1.0 ug/ml.

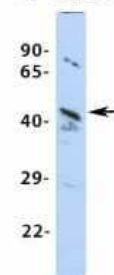
PCK1



Rabbit Anti-PCK1
Sample Type: Human Fetal Lung
Antibody Concentration: 1ug/mL

Western Blot: PCK1 Antibody [NBP1-54825] - MCF7, Antibody Dilution:
1.0 ug/ml.

PCK1



Rabbit Anti-PCK1
Sample Type: MCF7
Antibody Concentration: 1ug/mL

Publications

Saini N, Mooney SM, Smith SM Alcohol blunts pregnancy-mediated insulin resistance and reduces fetal brain glucose despite elevated fetal gluconeogenesis, and these changes associate with fetal weight outcomes FASEB journal : official publication of the Federation of American Societies for Experimental Biology 2023-10-01 [PMID: 37665328]

Tao H, Zhang Y, Zeng X et al. Niclosamide ethanolamine-induced mild mitochondrial uncoupling improves diabetic symptoms in mice. Nat Med 2014-11-01 [PMID: 25282357] (WB)



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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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