

Datasheet for ABIN948221  
**anti-PCK1 antibody (AA 1-622)**



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2 Images

Overview

Quantity:	50 µg
Target:	PCK1
Binding Specificity:	AA 1-622
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This PCK1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length human PCK1 protein.
Immunogen:	PCK1 (NP_002582.2, 1 a.a. ~ 622 a.a) full-length human protein.
Sequence:	MPPQLQNLN LSAKVVGSL DSLPQAVREF LENNAELCQP DHIHICDGSE EENGRLLGQM EEGILRRLK KYDNCWLALT DPRDVARIES KTVIVTQEQR DTVPIPKTGL SQLGRWMSEE DFEKAFNARF PGCMKGRTRY VIPFSMGPLG SPLSKIGIEL TDSPLYVASM RIMTRMGTPV LEALGDGEFV KCLHSVGCP LQKPLVNNW PCNPELTIA HLPDRREIIS FGSYGGNLSL LGKKCFALRM ASRLAKEEGW LAEHMLVLGI TNPEGEKKYL AAAPFSACGK TNLAMMNPSL PGWKVECVGD DIAWMKFDAQ GHLRAINPEN GFFGVAPGTS VKTNPNAIKT IQKNTIFTNV AETSDDGGVYW EGIDEPLASG VTITSWKNKE WSEEDGEPCA HPNSRFCTPA SQCPIDAAW ESPEGVPIEG IIFGGRRPAG VPLVYEALSW QHGVFVGAAM RSEATAAAEH KGKIIMHDPF AMRPFPGYNF GKYLAWLSM AQHPAAKLPK IFHVNWFRKD KEGKFLWPGF GENSRVLEWM FNRIDGKAST KLTPIGYIPK EDALNLKGLG HINMMELFSI SKEFWEKEVE DIEKYLEQV

## Product Details

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Cross-Reactivity: Human

Characteristics: Antibody reactive against mammalian transfected lysate.

## Target Details

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Target: PCK1

Alternative Name: PCK1 ([PCK1 Products](#))

Background: Full Gene Name: phosphoenolpyruvate carboxykinase 1 (soluble)

Synonyms: MGC22652,PEPCK-C,PEPCK1,PEPCKC

Gene ID: 5105

NCBI Accession: [NM\\_002591](#)

Pathways: [Positive Regulation of Peptide Hormone Secretion](#), [Carbohydrate Homeostasis](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

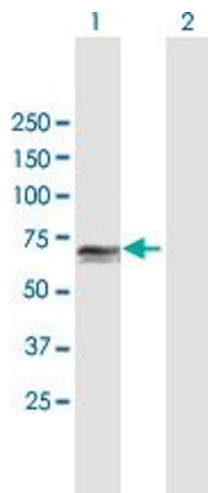
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Buffer: In 1x PBS, pH 7.4

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

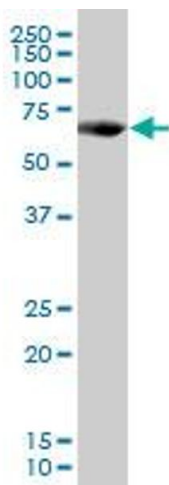


#### Western Blotting

**Image 1.** Western Blot analysis of PCK1 expression in transfected 293T cell line by PCK1 MaxPab polyclonal antibody.

Lane 1: PCK1 transfected lysate(68.42 KDa).

Lane 2: Non-transfected lysate.



#### Western Blotting

**Image 2.** PCK1 MaxPab polyclonal antibody. Western Blot analysis of PCK1 expression in human kidney.