

## Product Datasheet

### PCK2 Antibody (N-term) (orb1928610)

<b>Catalog Number</b>	orb1928610
<b>Category</b>	Antibodies
<b>Description</b>	Purified Rabbit Polyclonal Antibody (Pab)
<b>Target</b>	PCK2 (HGNC:8725)
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Form/Appearance</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Immunogen</b>	This PCK2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 24-54 amino acids from the N-terminal region of human PCK2. Antigen Region: 24-54 aa.
<b>UniProt ID</b>	<b>Q16822</b>
<b>MW</b>	70699 Da
<b>Tested applications</b>	IF, IHC-P, WB
<b>Dilution range</b>	IF - 1:10-50, WB - 1:1000, IHC-P - 1:50-100
<b>Antibody Type</b>	Primary Antibody

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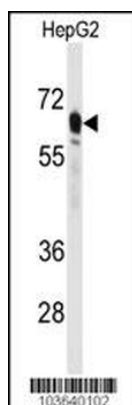
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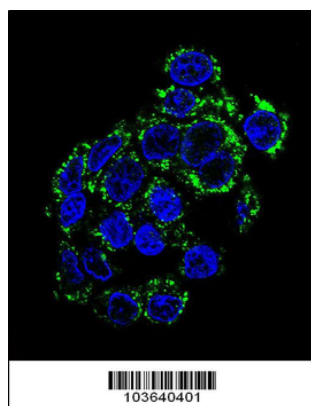
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<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
<b>Note</b>	For research use only
<b>NCBI</b>	<b>NP_004554.2, NP_001018083.1</b>
<b>Expiration Date</b>	12 months from date of receipt.



Western blot analysis of anti-PCK2 Antibody (N-term) in HepG2 cell line lysates (35 ug/lane). PCK2 (arrow) was detected using the purified Pab.



Confocal immunofluorescent analysis of PCK2 Antibody (N-term) with HepG2 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).

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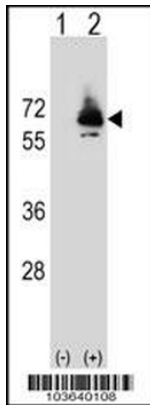
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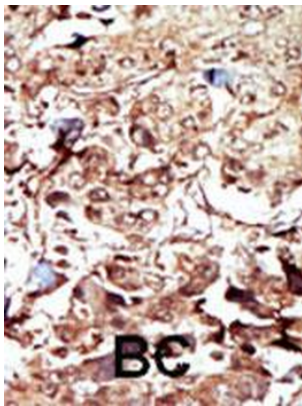
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Western blot analysis of PCK2 (arrow) using rabbit polyclonal PCK2 Antibody (Q39). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the PCK2 gene.



Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

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