




Anti-PCK1/PEPC antibody ab115693

1 [References](#) **2** [画像数](#)

製品の概要

製品名	Anti-PCK1/PEPC antibody
製品の詳細	Goat polyclonal to PCK1/PEPC
由来種	Goat
アプリケーション	適用あり: IHC-P
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat, Cow, Dog, Pig, Xenopus laevis 
免疫原	Synthetic peptide corresponding to Human PCK1/PEPC aa 500-600 (internal sequence) (Cysteine residue). Database link: NP_002582.3 <div>  Run BLAST with  Run BLAST with </div>
ポジティブ・コントロール	Human kidney and liver tissues.
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
バッファー	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 99% Tris buffered saline, 0.5% BSA
精製度	Protein G purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

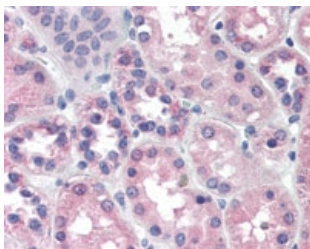
The Abpromise guarantee Abpromise保証は、 次のテスト済みアプリケーションにおけるab115693の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		Use a concentration of 2 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

ターゲット情報

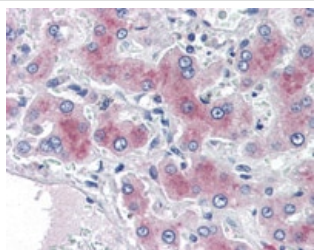
機能	Catalyzes the conversion of oxaloacetate (OAA) to phosphoenolpyruvate (PEP), the rate-limiting step in the metabolic pathway that produces glucose from lactate and other precursors derived from the citric acid cycle.
組織特異性	Major sites of expression are liver, kidney and adipocytes.
パスウェイ	Carbohydrate biosynthesis; gluconeogenesis.
関連疾患	Defects in PCK1 are the cause of cytosolic phosphoenolpyruvate carboxykinase deficiency (cytosolic PEPCK deficiency) [MIM:261680]. PEPCK deficiency is a metabolic disorder resulting from impaired gluconeogenesis. It is a rare disease with less than 10 cases reported in the literature. Clinical characteristics include hypotonia, hepatomegaly, failure to thrive, lactic acidosis and hypoglycemia. Autopsy reveals fatty infiltration of both the liver and kidneys. The disorder is transmitted as an autosomal recessive trait.
配列類似性	Belongs to the phosphoenolpyruvate carboxykinase [GTP] family.
翻訳後修飾	Acetylation is increased on addition of glucose and appears to regulate the protein stability.
細胞内局在	Cytoplasm.

画像



ab115693, at 2µg/ml, staining PCK1//PEPC in Formalin-fixed, Paraffin-embedded Human Kidney tissue by Immunohistochemistry followed by biotinylated secondary antibody, alkaline phosphatase-streptavidin and chromogen.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PCK1/PEPC antibody (ab115693)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PCK1/PEPC antibody (ab115693)

ab115693, at 2µg/ml, staining PCK1/PEPC in Formalin-fixed, Paraffin-embedded Human Liver tissue by Immunohistochemistry followed by biotinylated secondary antibody, alkaline phosphatase-streptavidin and chromogen.

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