




Anti-PCB antibody ab115579

3 References [画像数 2](#)

製品の概要

製品名	Anti-PCB antibody
製品の詳細	Goat polyclonal to PCB
由来種	Goat
アプリケーション	適用あり: WB, IHC-P
種交差性	交差種: Mouse, Human 交差が予測される動物種: Rat, Cow, Dog, Pig 
免疫原	Synthetic peptide: KFKEVKKAYVEANQ with a Cysteine residue linker, corresponding to internal sequence amino acids 886-899 of Human PCB (NP_000911.2). <div>  Run BLAST with  Run BLAST with </div>
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
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

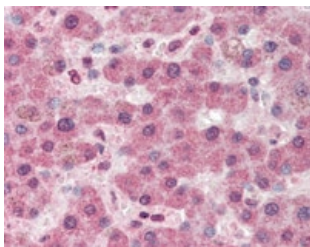
The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab115579の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 0.03 - 1 µg/ml. Predicted molecular weight: 130 kDa.
IHC-P		Use a concentration of 5 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

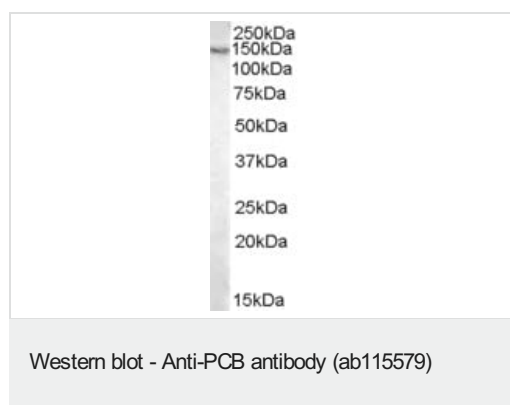
機能	Pyruvate carboxylase catalyzes a 2-step reaction, involving the ATP-dependent carboxylation of the covalently attached biotin in the first step and the transfer of the carboxyl group to pyruvate in the second. Catalyzes in a tissue specific manner, the initial reactions of glucose (liver, kidney) and lipid (adipose tissue, liver, brain) synthesis from pyruvate.
パスウェイ	Carbohydrate biosynthesis; gluconeogenesis.
関連疾患	Defects in PC are the cause of pyruvate carboxylase deficiency (PC deficiency) [MIM:266150]. PC deficiency leads to lactic acidosis, mental retardation and death. It occurs in three forms: mild or type A, severe neonatal or type B, and a very mild lacticacidemia.
配列類似性	Contains 1 ATP-grasp domain. Contains 1 biotin carboxylation domain. Contains 1 biotinyl-binding domain. Contains 1 carboxyltransferase domain.
細胞内局在	Mitochondrion matrix.

画像



ab115579, at 5µg/ml, staining PCB in Formalin-fixed, Paraffin-embedded Human Liver tissue by Immunohistochemistry followed by biotinylated secondary antibody, alkaline phosphatase-streptavidin and chromogen.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PCB antibody (ab115579)



Anti-PCB antibody (ab115579) at 0.03 µg/ml + Mouse Liver lysate
in RIPA buffer at 35 µg

Developed using the ECL technique.

Predicted band size: 130 kDa

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