abcam

Product datasheet

Anti-Cytochrome P450 Reductase antibody ab106255

画像数 1

製品の概要

製品名	Anti-Cytochrome P450 Reductase antibody
製品の詳細	Goat polyclonal to Cytochrome P450 Reductase
由来種	Goat
アプリケーション	**適用あり:** WB
種交差性	**交差種:** Rat **交差が予測される動物種:** Rabbit, Guinea pig, Cow, Dog, Pig, Xenopus laevis, Chinese hamster
免疫原	Synthetic peptide: C-TNPPRTNVLYE , corresponding to internal sequence amino acids 381-391 of Human Cytochrome P450 Reductase (NP_000932.3). Run BLAST with Run BLAST with
ポジティブ・コントロール	Human, Mouse and Rat Liver lysates.
特記事項	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. 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

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 freeze / thaw cycles.
バッファー	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: Tris buffered saline, 0.5% BSA
精製度	Immunogen affinity purified
特記事項（精製）	ab106255 was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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ab106255の使用に適用されます

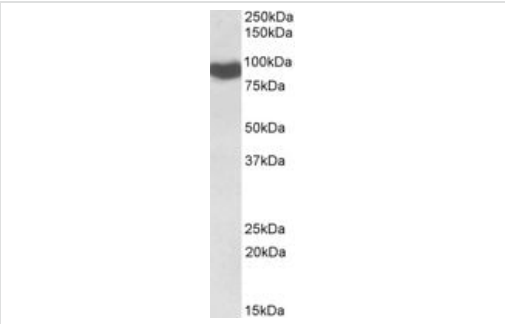
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 0.1 - 0.3 µg/ml. Detects a band of approximately 90 kDa (predicted molecular weight: 77 kDa). 1 hour primary incubation is recommended for this product.

ターゲット情報

機能	This enzyme is required for electron transfer from NADP to cytochrome P450 in microsomes. It can also provide electron transfer to heme oxygenase and cytochrome B5.
関連疾患	Defects in POR are the cause of adrenal hyperplasia variant type (AHV) [MIM:201750]; also known as Antley-Bixler syndrome-like phenotype with disordered steroidogenesis. AHV is a rare variant of congenital adrenal hyperplasia. It is an autosomal recessive disorder with apparent combined P450C17 and P450C21 deficiency. Affected girls are born with ambiguous genitalia, but their circulating androgens are low and virilization does not progress. Conversely, affected boys are sometimes born undermasculinized. Boys and girls can also present with bone malformations, in some cases resembling the pattern seen in patients with Antley-Bixler syndrome. Defects in POR are a cause of isolated disordered steroidogenesis (IDS) [MIM:201750].
配列類似性	In the C-terminal section; belongs to the flavoprotein pyridine nucleotide cytochrome reductase family. Contains 1 FAD-binding FR-type domain. Contains 1 flavodoxin-like domain.
細胞内局在	Endoplasmic reticulum membrane. Anchored to the ER membrane by its N-terminal hydrophobic region.

画像



Western blot - Anti-Cytochrome P450 Reductase antibody (ab106255)

Anti-Cytochrome P450 Reductase antibody (ab106255) at 0.1 µg/ml + Rat Liver lysate (in RIPA buffer) at 35 µg

Developed using the ECL technique.

Predicted band size: 77 kDa

Primary incubation was 1 hour.

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