

Anti-Cytochrome P450 1A2 antibody [3B8C1] ab56073

6 References [画像数 2](#)

製品の概要

製品名	Anti-Cytochrome P450 1A2 antibody [3B8C1]
製品の詳細	Mouse monoclonal [3B8C1] to Cytochrome P450 1A2
由来種	Mouse
アプリケーション	適用あり: WB, IHC-P
種交差性	交差種: Human, Recombinant fragment
免疫原	Rat Cytochrome P450 1A2 proteins
ポジティブ・コントロール	IHC-P: Normal human liver sections.
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 freeze / thaw cycles.
バッファー	Preservative: 0.08% Sodium azide Constituent: PBS
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	3B8C1
ミエローマ	Ag8.653
アイソタイプ	IgG1

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ab56073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 1 - 2 µg/ml. Detects a band of approximately 58 kDa (predicted molecular weight: 58 kDa).
IHC-P		Use a concentration of 1 - 5 µg/ml.

ターゲット情報

機能

Cytochromes P450 are a group of heme-thiolate monooxygenases. In liver microsomes, this enzyme is involved in an NADPH-dependent electron transport pathway. It oxidizes a variety of structurally unrelated compounds, including steroids, fatty acids, and xenobiotics. Most active in catalyzing 2-hydroxylation. Caffeine is metabolized primarily by cytochrome CYP1A2 in the liver through an initial N3-demethylation. Also acts in the metabolism of aflatoxin B1 and acetaminophen. Participates in the bioactivation of carcinogenic aromatic and heterocyclic amines. Catalyzes the N-hydroxylation of heterocyclic amines and the O-deethylation of phenacetin.

組織特異性

Liver.

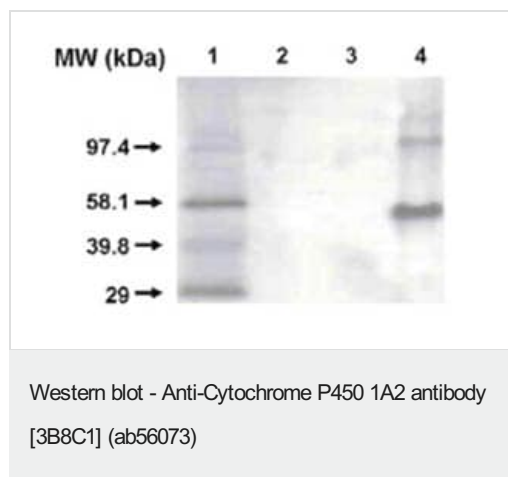
配列類似性

Belongs to the cytochrome P450 family.

細胞内局在

Endoplasmic reticulum membrane. Microsome membrane.

画像



All lanes : Anti-Cytochrome P450 1A2 antibody [3B8C1] (ab56073)

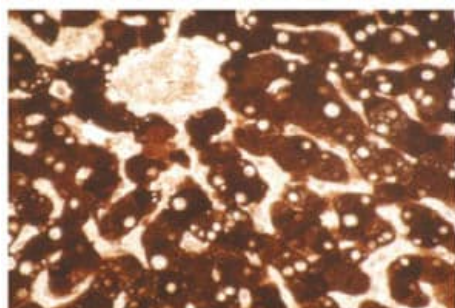
Lane 2 : recombinant CYP1B1 at 0.5pmol/lane

Lane 3 : recombinant CYP1A1 at 0.5pmol/lane

Lane 4 : recombinant CYP1A2 at 0.5pmol/lane

Predicted band size: 58 kDa

Observed band size: 58 kDa



Immunohistochemical staining of formalin-fixed, paraffin-embedded normal human liver tissue section using ab56073.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cytochrome P450 1A2 antibody [3B8C1] (ab56073)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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