


Anti-CYP27A1 antibody [EPR7529] ab126785

リコンビナント **RabMAb**

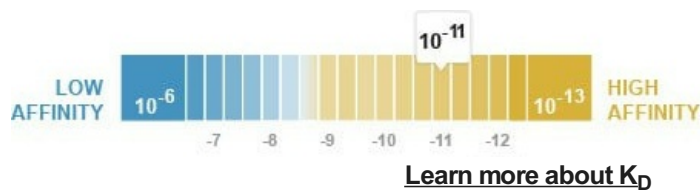
★★★★★ **6 Abreviews** **31 References** 画像数 7

製品の概要

製品名	Anti-CYP27A1 antibody [EPR7529]
製品の詳細	Rabbit monoclonal [EPR7529] to CYP27A1
由来種	Rabbit
アプリケーション	適用あり: Flow Cyt (Intra), WB, IHC-P, ICC/IF 適用なし: IP
種交差性	交差種: Mouse, Human 交差が予測される動物種: Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: HepG2, Caco 2, human fetal liver and mouse liver lysates. IHC-P: Human kidney and liver tissues. ICC/IF: HepG2 cells. Flow Cyt (intra): HepG2 cells.
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
解離定数 (K _D 値)	K _D = 6.00 x 10 ⁻¹¹ M



バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR7529
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ab126785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。

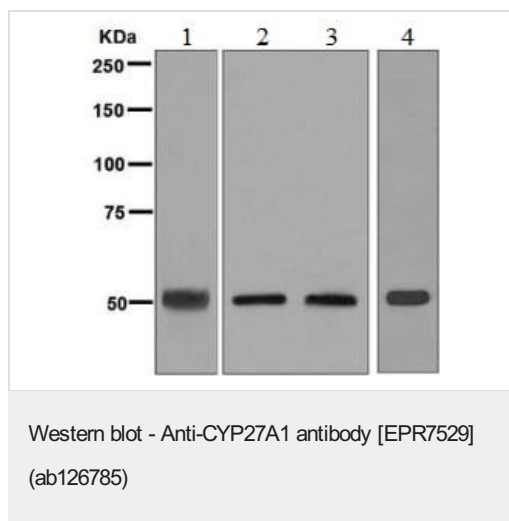
アプリケーション	Abreviews	特記事項
Flow Cyt (Intra)		1/120.
WB	★★★★★ (3)	1/1000 - 1/10000. Predicted molecular weight: 60 kDa.
IHC-P	★★★★☆ (2)	1/100 - 1/250. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		1/50 - 1/100.

追加情報 Is unsuitable for IP.

ターゲット情報

機能	Catalyzes the first step in the oxidation of the side chain of sterol intermediates; the 27-hydroxylation of 5-beta-cholestane-3-alpha,7-alpha,12-alpha-triol. Has also a vitamin D3-25-hydroxylase activity.
パスウェイ	Hormone biosynthesis; cholecalciferol biosynthesis.
関連疾患	Cerebrotendinous xanthomatosis
配列類似性	Belongs to the cytochrome P450 family.
細胞内局在	Mitochondrion membrane.

画像



All lanes : Anti-CYP27A1 antibody [EPR7529] (ab126785) at 1/1000 dilution

Lane 1 : HepG2 lysate

Lane 2 : Caco 2 lysate

Lane 3 : Human fetal liver lysate

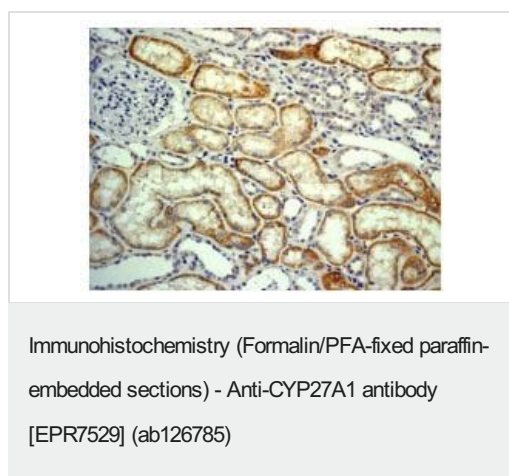
Lane 4 : Mouse liver lysate

Lysates/proteins at 10 µg per lane.

Secondary

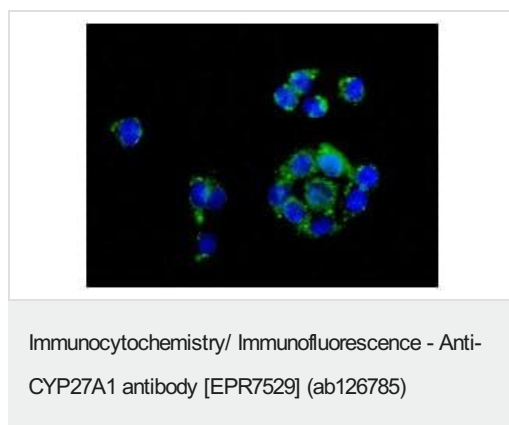
All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 60 kDa

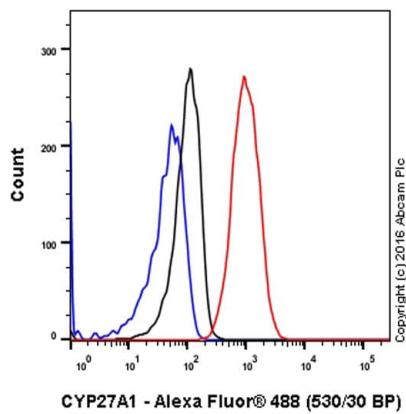


ab126785, at a 1/100 dilution, staining CYP27A1 in paraffin embedded Human kidney tissue by Immunohistochemistry.

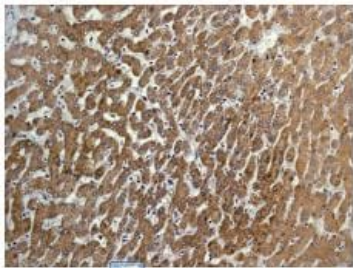
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



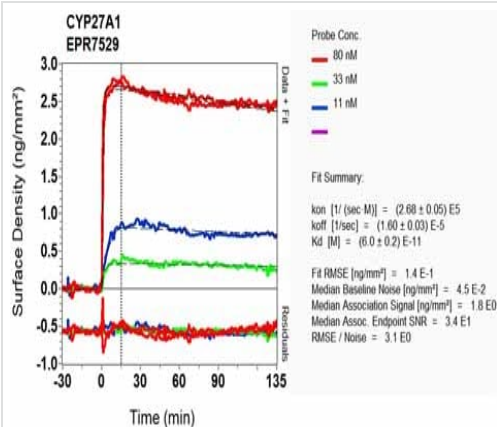
ab126785, at a 1/50 dilution, staining CYP27A1 in HepG2 cells by Immunofluorescence.



Flow Cytometry (Intracellular) - Anti-CYP27A1 antibody [EPR7529] (ab126785)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CYP27A1 antibody [EPR7529] (ab126785)



OI-RD Scanning - Anti-CYP27A1 antibody [EPR7529] (ab126785)

Intracellular Flow Cytometry analysis of HepG2 (human hepatocellular carcinoma) cells labeling CYP27A1 (red) with ab126785 at a 1/120 dilution. Cells were fixed with 4% paraformaldehyde and permeabilized with 90% methanol. A goat anti-rabbit IgG (Alexa Fluor® 488) (**ab150077**) was used as the secondary antibody at a 1/2000 dilution. Black - Rabbit monoclonal IgG (**ab172730**). Blue (unlabeled control) - Cells without incubation with primary and secondary antibodies.

ab126785, at a 1/100 dilution, staining CYP27A1 in paraffin embedded Human liver tissue by Immunohistochemistry.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Equilibrium dissociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-CYP27A1 antibody [EPR7529] (ab126785)

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

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