abcam

Product datasheet

Anti-CYP2U1 antibody ab65128

3 References　画像数 2

製品の概要

製品名	Anti-CYP2U1 antibody
製品の詳細	Rabbit polyclonal to CYP2U1
由来種	Rabbit
アプリケーション	**適用あり:** WB, ICC/IF
種交差性	**交差種:** Human
	交差が予測される動物種: Mouse, Rat
免疫原	Synthetic peptide (Human) from an internal sequence
ポジティブ・コントロール	HeLa and LOVO cell extracts

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

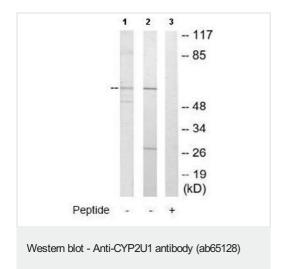|	
製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7.40
	Preservative: 0.02% Sodium azide
	Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride
	Without Mg2+ and Ca2+
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/1000. Detects a band of approximately 62 kDa (predicted molecular weight: 62 kDa).
ICC/IF		Use a concentration of 1 - 5 µg/ml.

ターゲット情報

機能	Catalyzes the hydroxylation of arachidonic acid, docosahexaenoic acid and other long chain fatty acids. May modulate the arachidonic acid signaling pathway and play a role in other fatty acid signaling processes.
組織特異性	Widely expressed with stronger expression in thymus, heart and cerebellum.
配列類似性	Belongs to the cytochrome P450 family.
発生段階	Expressed in fetal thymus.
細胞内局在	Endoplasmic reticulum membrane. Microsome membrane.

画像

Western blot - Anti-CYP2U1 antibody (ab65128)

All lanes : Anti-CYP2U1 antibody (ab65128) at 1/500 dilution

Lane 1 : HeLa cell extract
Lane 2 : LOVO cell extract
Lane 3 : LOVO cell extract with immunising peptide at 5 µg

Lysates/proteins at 5 µg per lane.

Predicted band size: 62 kDa
Observed band size: 62 kDa
Additional bands at: 28 kDa, 55 kDa. We are unsure as to the identity of these extra bands.

Immunocytochemistry/ Immunofluorescence - Anti-CYP2U1 antibody (ab65128)

ICC/IF image of ab65128 stained HeLa cells. The cells were 4% PFA fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab65128, 1µg/ml) overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) used at a

1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43μM.

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