

Anti-COX1 / Cyclooxygenase 1 antibody ab84602

画像数 1

製品の概要

製品名	Anti-COX1 / Cyclooxygenase 1 antibody
製品の詳細	Rabbit polyclonal to COX1 / Cyclooxygenase 1
由来種	Rabbit
アプリケーション	適用あり: WB
種交差性	交差種: Human
免疫原	Synthetic peptide corresponding to Human COX1/ Cyclooxygenase 1 aa 550 to the C-terminus (C terminal) conjugated to keyhole limpet haemocyanin. (Peptide available as ab93495)
ポジティブ・コントロール	This antibody gave a positive signal in the following human whole cell lysates: A431; HUVEC.
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 or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
	Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.

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ab84602の使用に適用されます**

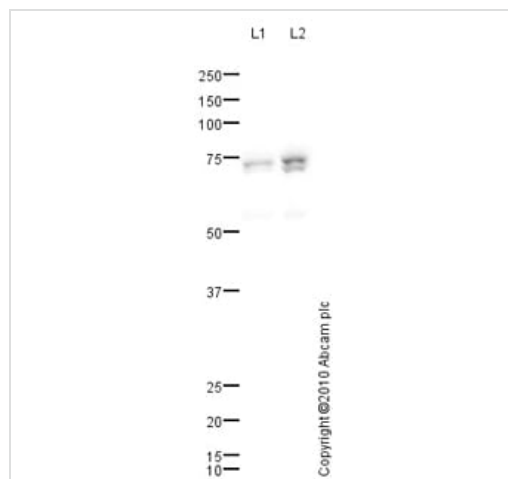
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 73 kDa (predicted molecular weight: 68 kDa).

ターゲット情報

機能	May play an important role in regulating or promoting cell proliferation in some normal and neoplastically transformed cells.
パスウェイ	Lipid metabolism; prostaglandin biosynthesis.
配列類似性	Belongs to the prostaglandin G/H synthase family. Contains 1 EGF-like domain.
細胞内局在	Microsome membrane. Endoplasmic reticulum membrane.

画像



Western blot - Anti-COX1 / Cyclooxygenase 1 antibody (ab84602)

All lanes : Anti-COX1 / Cyclooxygenase 1 antibody (ab84602) at 1 µg/ml

Lane 1 : A431 (Human epithelial carcinoma cell line) Whole Cell Lysate

Lane 2 : HUVEC (Human Umbilical Vein Endothelial Cell) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 68 kDa

Observed band size: 71,73 kDa

Additional bands at: 55 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 2 minutes

This antibody was raised against an immunogen that is predicted to recognize both the short and long isoforms of Human Prostaglandin G/H synthase 1 precursor (COX1). The predicted molecular weights of the short and long isoforms are 68 kDa and 64 kDa respectively. However, COX1 contains a number of potential glycosylation sites (SwissProt) which may explain its migration at a higher molecular weight than predicted.

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

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