


Anti-COX2 / Cyclooxygenase 2 antibody ab15191

★★★★★ [38 Abreviews](#) [394 References](#) [画像数 4](#)

製品の概要

製品名	Anti-COX2 / Cyclooxygenase 2 antibody
製品の詳細	Rabbit polyclonal to COX2 / Cyclooxygenase 2
由来種	Rabbit
特異性	From Jan 2024, QC testing of replenishment batches of this polyclonal changed. All tested and expected application and reactive species combinations are still covered by our Abcam product promise. However, we no longer test all applications. For more information on a specific batch, please contact our Scientific Support who will be happy to help.
アプリケーション	適用あり: WB, Sandwich ELISA, IHC-P
種交差性	交差種: Mouse, Human 交差が予測される動物種: Rat, Syrian hamster 
免疫原	Synthetic peptide within Rat COX2/ Cyclooxygenase 2 aa 550 to the C-terminus (C terminal). The exact sequence is proprietary. Database link: P35355
特記事項	This product is FOR RESEARCH USE ONLY. For commercial use, please contact partnerships@abcam.com. 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: 7.60 Preservative: 0.1% Sodium azide Constituents: PBS, 1% BSA
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

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ab15191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	★★★★★ (19)	Use at an assay dependent concentration. Predicted molecular weight: 69 kDa.
Sandwich ELISA		Use a concentration of 0.5 µg/ml. For sandwich ELISA, use this antibody as Detection at 0.5µg/ml with ab90345 as Capture.
IHC-P	★★★★★ (8)	1/100.

ターゲット情報

機能	Mediates the formation of prostaglandins from arachidonate. May have a role as a major mediator of inflammation and/or a role for prostanoid signaling in activity-dependent plasticity.
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.
翻訳後修飾	S-nitrosylation by NOS2 (iNOS) activates enzyme activity. S-nitrosylation may take place on different Cys residues in addition to Cys-561.
細胞内局在	Microsome membrane. Endoplasmic reticulum membrane.

画像



Western blot - Anti-COX2 / Cyclooxygenase 2 antibody (ab15191)

All lanes : Anti-COX2 / Cyclooxygenase 2 antibody (ab15191) at 1 µg/ml

Lane 1 : Recombinant human COX2 / Cyclooxygenase 2 protein (Active) ([ab58868](#)) at 0.1 µg

Lane 2 : Recombinant human COX2 / Cyclooxygenase 2 protein (Active) ([ab58868](#)) at 0.01 µg

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) preadsorbed ([ab97080](#)) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 69 kDa

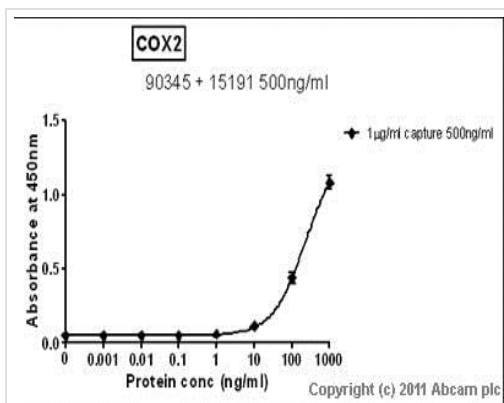
Exposure time: 10 seconds



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-COX2 / Cyclooxygenase 2 antibody (ab15191)

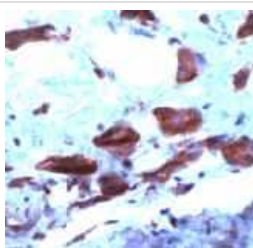
This image is courtesy of an Abreview submitted by Mr Carl Hobbs

ab15191 staining mouse brain sections by IHC-P. Sections were formaldehyde fixed and subjected to heat mediated antigen retrieval in citrate buffer prior to blocking with 1% BSA for 10 minutes at RT. The primary antibody was diluted 1/2000 and incubated with the sample for 2 hours. A biotinylated goat anti-rabbit IgG antibody, diluted 1/300, was used as the secondary. Sections were preblocked in an Avidin-Biotin kit to mask endogenous biotin



Standard Curve for COX2 / Cyclooxygenase 2 (Analyte: **ab58868**)
 dilution range 1pg/ml to 1ug/ml using Capture Antibody Mouse
 monoclonal [AS66] to COX2 / Cyclooxygenase 2 (**ab90345**) at
 1ug/ml and Detector Antibody Rabbit polyclonal to COX2 /
 Cyclooxygenase 2 (**ab15191**) at 0.5ug/ml

Sandwich ELISA - Anti-COX2 / Cyclooxygenase 2
 antibody (**ab15191**)



ab15191 staining COX2 / Cyclooxygenase in human breast
 carcinoma by Immunohistochemistry (FFPE-sections).

Immunohistochemistry (Formalin/PFA-fixed paraffin-
 embedded sections) - Anti-COX2 / Cyclooxygenase
 2 antibody (**ab15191**)

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

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