


Anti-COX2 / Cyclooxygenase 2 antibody [SP21] ab16701

リコンビナント **RabMAb**

★★★★★ [1 Abreviews](#) [7 References](#) [画像数 1](#)

製品の概要

製品名	Anti-COX2 / Cyclooxygenase 2 antibody [SP21]
製品の詳細	Rabbit monoclonal [SP21] to COX2 / Cyclooxygenase 2
由来種	Rabbit
アプリケーション	適用あり: IHC-P 適用なし: WB
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 within Rat COX2/ Cyclooxygenase 2 (C terminal). The exact sequence is proprietary.
ポジティブ・コントロール	IHC-P: Human colon carcinoma tissue.
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 For more information see here . This product is FOR RESEARCH USE ONLY. For commercial use, please contact partnerships@abcam.com.

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: 7.20 Preservative: 0.1% Sodium azide Constituents: 1% BSA, PBS
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	SP21

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ab16701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
IHC-P	★★★★★ (1)	1/100. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

追加情報

Is unsuitable for WB.

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.

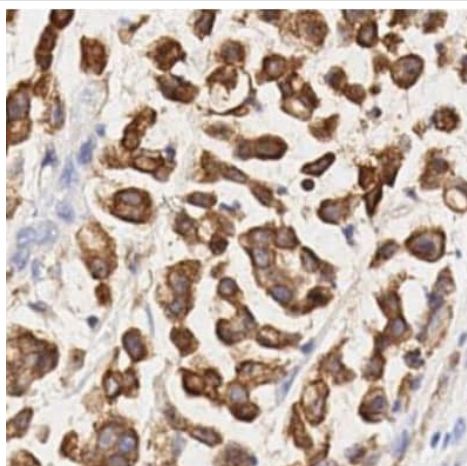
翻訳後修飾

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



Immunohistochemical analysis of paraffin-embedded Human colon carcinoma labeling COX2/Cyclooxygenase 2 with ab16701 at 1/100 (6 µg/ml). The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab16701 for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. The immunostaining was performed on a Leica Biosystems BOND® RX instrument. DAB was used as the chromogen. Counterstained with Hematoxylin and mounted with DPX.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-COX2 / Cyclooxygenase 2 antibody [SP21] (ab16701)

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