


Anti-COX2 / Cyclooxygenase 2 antibody [SP21] ab16701

重组 RabMAb

★★★★★ [1 Abreviews](#) [7 References](#) [1 图像](#)

概述

| | |
|-------|---|
| 产品名称 | Anti-COX2 / Cyclooxygenase 2抗体[SP21] |
| 描述 | 兔单克隆抗体[SP21] to COX2 / Cyclooxygenase 2 |
| 宿主 | Rabbit |
| 经测试应用 | 适用于: IHC-P 不适用于: WB |
| 种属反应性 | 与反应: Human 预测可用于: Mouse, Rat  |
| 免疫原 | Synthetic peptide within Rat COX2/ Cyclooxygenase 2 (C terminal). The exact sequence is proprietary. |
| 阳性对照 | IHC-P: Human colon carcinoma tissue. |
| 常规说明 | 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. |

性能

| | |
|------|---|
| 形式 | Liquid |
| 存放说明 | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| 存储溶液 | pH: 7.20 Preservative: 0.1% Sodium azide Constituents: 1% BSA, PBS |
| 纯度 | Protein A purified |
| 克隆 | 单克隆 |
| 克隆编号 | SP21 |

同种型IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab16701于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

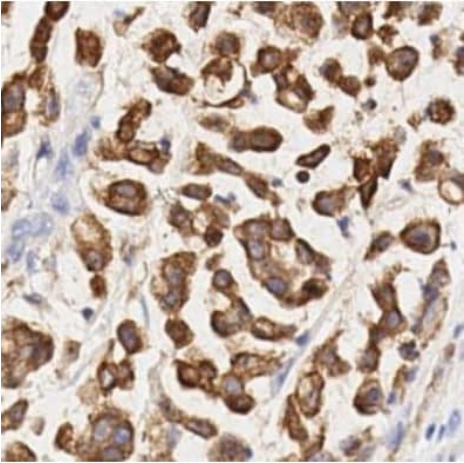
| 应用 | Ab评论 | 说明 |
|-------|-----------|--|
| IHC-P | ★★★★★ (1) | 1/100. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. |

应用说明Is unsuitable for WB.

靶标

| | |
|-------|--|
| 功能 | 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. |
| 通路 | Lipid metabolism; prostaglandin biosynthesis. |
| 序列相似性 | Belongs to the prostaglandin G/H synthase family. Contains 1 EGF-like domain. |
| 翻译后修饰 | S-nitrosylation by NOS2 (iNOS) activates enzyme activity. S-nitrosylation may take place on different Cys residues in addition to Cys-561. |
| 细胞定位 | Microsome membrane. Endoplasmic reticulum membrane. |

图片



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

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.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors