

Anti-COX2 / Cyclooxygenase 2 antibody ab52237

★★★★★ [6 Abreviews](#) [90 References](#) [4 图像](#)

概述

产品名称	Anti-COX2 / Cyclooxygenase 2抗体
描述	兔多克隆抗体to COX2 / Cyclooxygenase 2
宿主	Rabbit
经测试应用	适用于: WB, ICC/IF
种属反应性	与反应: Human
免疫原	Synthetic peptide corresponding to Human COX2/ Cyclooxygenase 2.
阳性对照	WB: Human primary myometrial cells whole cell lysate, A549 cells. ICC/IF: A549 cells.
常规说明	<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>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol, 0.87% Sodium chloride
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab52237于以下的经测试应用

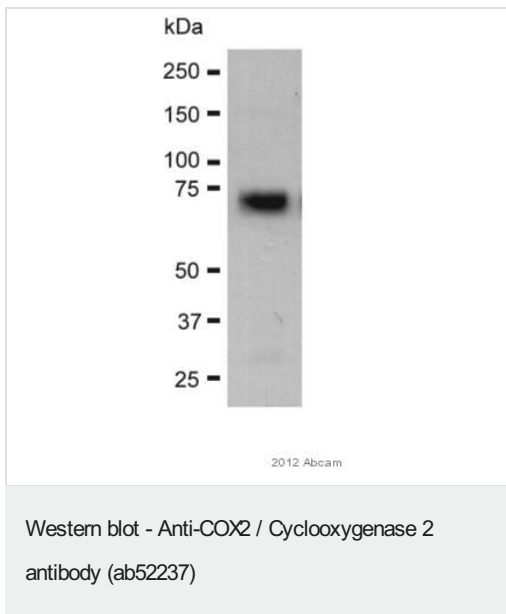
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★★ (6)	1/500 - 1/1000. Detects a band of approximately 69 kDa (predicted molecular weight: 69 kDa).
ICC/IF		1/100 - 1/500.

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



Anti-COX2 / Cyclooxygenase 2 antibody (ab52237) at 1/1000 dilution + Human primary myometrial cells whole cell lysate at 20 µg

Secondary

Anti-rabbit IgG, HRP-linked at 1/4000 dilution

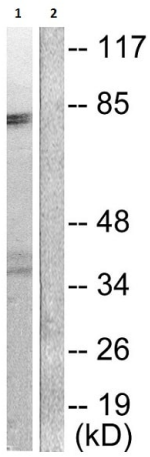
Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 69 kDa

Observed band size: 70 kDa

Exposure time: 1 minute



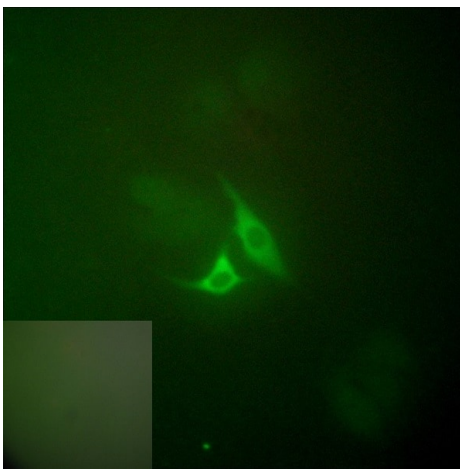
Western blot - Anti-COX2 / Cyclooxygenase 2 antibody (ab52237)

All lanes : Anti-COX2 / Cyclooxygenase 2 antibody (ab52237) at 1/500 dilution

Lane 1 : A549 (Human lung adenocarcinoma epithelial)

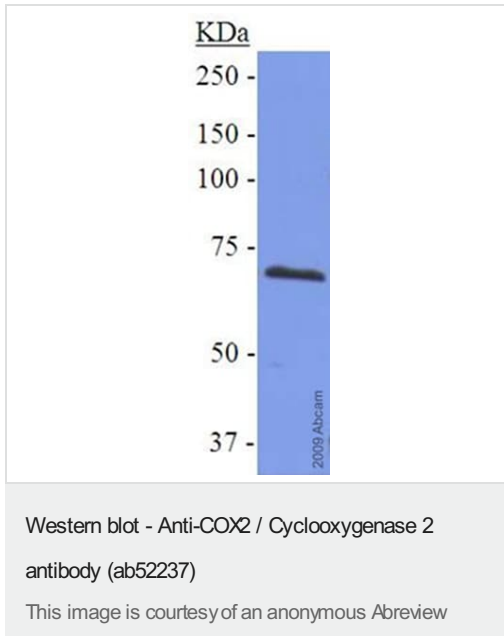
Lane 2 : A549 (Human lung adenocarcinoma epithelial) with Synthesized Peptide

Predicted band size: 69 kDa



Immunocytochemistry/ Immunofluorescence - Anti-COX2 / Cyclooxygenase 2 antibody (ab52237)

Immunocytochemistry/immunofluorescence analysis of A549 (Human lung adenocarcinoma epithelial) cells labelling COX2 / Cyclooxygenase 2 with ab52237 at dilution of 1/100. No staining was observed when blocked with synthesized peptide as shown in the inset.



Anti-COX2 / Cyclooxygenase 2 antibody (ab52237) (Human mesothelioma whole cell lysate.)

Secondary

Goat anti-rabbit HRP

Predicted band size: 69 kDa

Please see accompanying abreview for additional information

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