


### Anti-COX2 / Cyclooxygenase 2 antibody ab23672

★★★★★ [8 Abreviews](#) [20 References](#) [2 图像](#)

#### 概述

产品名称	Anti-COX2 / Cyclooxygenase 2抗体
描述	山羊多克隆抗体to COX2 / Cyclooxygenase 2
宿主	Goat
特异性	ab23672 recognises COX2. It does not cross react with COX1.
经测试应用	<b>适用于:</b> WB, IHC-P
种属反应性	<b>与反应:</b> Sheep, Human <b>预测可用于:</b> Horse, Cow, Dog, Pig, Mink 
免疫原	Synthetic peptide. This information is considered to be commercially sensitive. (Peptide available as <a href="#">ab49841</a> )
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&amp;As</p>

#### 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: 0.02% Sodium azide Constituents: 50% Glycerol, PBS
纯度	Protein G purified
纯化说明	ab23672 was purified by affinity chromatography.
克隆	多克隆
同种型	IgG

The Abpromise guarantee      **Abpromise™**承诺保证使用ab23672于以下的经测试应用

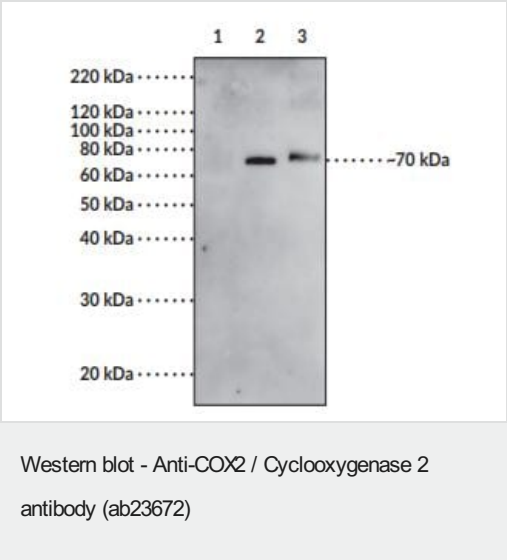
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★★ (3)	Use a concentration of 2 µg/ml. Predicted molecular weight: 69 kDa.
IHC-P	★★★☆☆ (1)	Use a concentration of 1 - 2 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

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



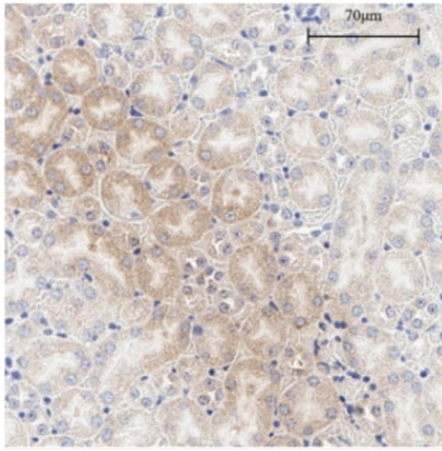
**All lanes :** Anti-COX2 / Cyclooxygenase 2 antibody (ab23672) at 1/500 dilution

**Lane 1 :** Human COX-1

**Lane 2 :** Recombinant ovine COX-2 protein

**Lane 3 :** Recombinant human COX-2 protein

**Predicted band size:** 69 kDa



Immunohistochemistry analysis of formalin fixed, paraffin-embedded human kidney sections labeling COX2 / Cyclooxygenase 2 with ab23672 at 1/80 dilution. Slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase streptavidin and chromogen (DAB). Antigen retrieval was heat mediated using citrate buffer pH 6.0.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-COX2 / Cyclooxygenase 2 antibody (ab23672)

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

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