


Product datasheet

Anti-COX2 / Cyclooxygenase 2 antibody ab15839

2 References 1 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
经测试应用	适用于: WB
种属反应性	与反应: Human 预测可用于: Sheep, Horse, Cow, Pig 
免疫原	Synthetic peptide: NPTVLLKERSTEL, corresponding to C terminal amino acids 592-604 of Human COX2/ Cyclooxygenase 2. <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
阳性对照	H460 lysate.

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	Preservative: 0.02% Sodium Azide Constituents: 0.5% BSA, 0.5mg/ml Tris saline. pH 7.3
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab15839** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab 评论	说明

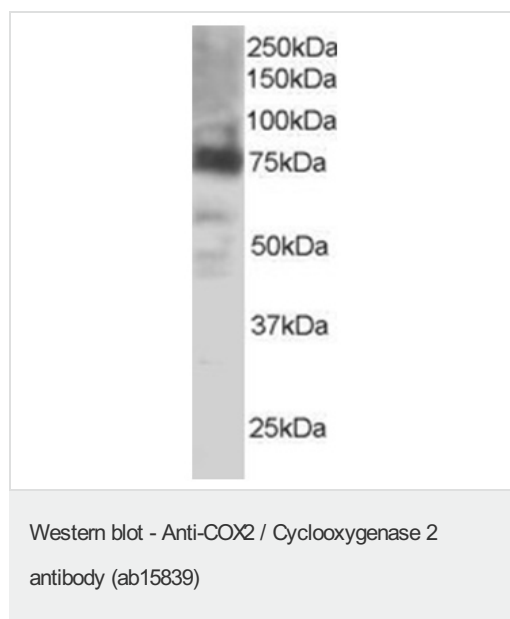
应用	Ab 评论	说明
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WB Use a concentration of 0.5 - 2 µg/ml. Detects a band of approximately 72 kDa (predicted molecular weight: 69 kDa). Can be blocked with [Human COX2 / Cyclooxygenase 2 peptide \(ab23276\)](#).

## 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 (ab15839) at 0.5 µg/ml + Cell lysates prepared from H460 cells at 35 µg

**Predicted band size:** 69 kDa

ab15839 staining human COX2 / Cyclooxygenase at 0.5µg/ml in H460 lysate (35µg total protein per lane) by Western blot (chemiluminescence).

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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