

Datasheet for ABIN7432424  
**anti-PTGS2 antibody (AA 240-351)**

## 6 Images

[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	PTGS2
Binding Specificity:	AA 240-351
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Cyclooxygenase-2 (COX 2)
Immunogen:	Recombinant Cyclooxygenase-2 (COX 2) corresponding to Tyr240~Leu351 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against COX 2. It has been selected for its ability to recognize COX 2 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

Target:	PTGS2
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## Target Details

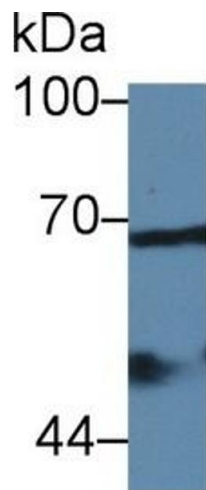
Alternative Name:	Cyclooxygenase-2 ( <a href="#">PTGS2 Products</a> )
Background:	PGG/HS, PGHS2, PHS2, HCOx2, PTGS2, Prostaglandin Endoperoxide Synthase 2, Prostaglandin G/H Synthase And Cyclooxygenase, Prostaglandin H2 synthase 2
Pathways:	<a href="#">Brown Fat Cell Differentiation</a> , <a href="#">Positive Regulation of fat Cell Differentiation</a>

## Application Details

Application Notes:	Western blotting: 0.5-5 µg/mL Immunohistochemistry: 5-50 µg/mL Immunocytochemistry: 5-50 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

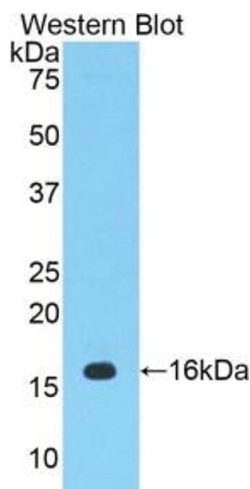
## Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



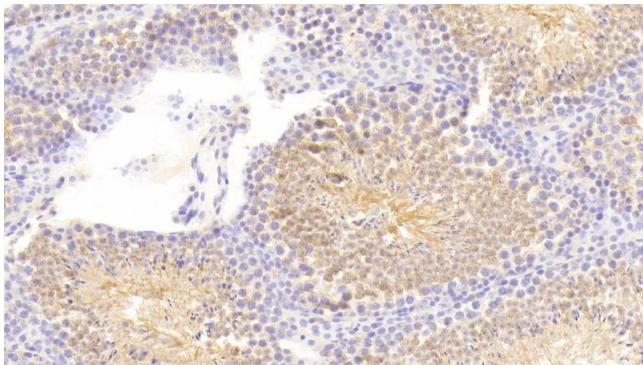
**Western Blotting**

**Image 1.** Detection of COX 2 in Mouse Bladder lysate using Polyclonal Antibody to Cyclooxygenase-2 (COX 2)



**Western Blotting**

**Image 2.** Detection of Recombinant PTGS2, Mouse using Polyclonal Antibody to Cyclooxygenase-2 (COX 2)



**Immunohistochemistry**

**Image 3.** Detection of COX 2 in Mouse Testis Tissue using Polyclonal Antibody to Cyclooxygenase-2 (COX 2)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7432424.