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Datasheet for ABIN7444103 anti-PTGS2 antibody (AA 418-589)

5 Images



Overview

Quantity:	100 μL
Target:	PTGS2
Binding Specificity:	AA 418-589
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTGS2 antibody is un-conjugated
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) corresdonding to Gly418~Asp589 (Accession # P35354)
lsotype:	lgG
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.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

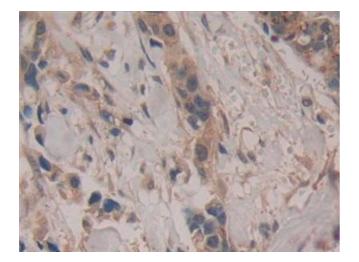
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PTGS2

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Target Details		
Alternative Name:	Cyclooxygenase-2 (PTGS2 Products)	
Background:	PGG/HS, PGHS2, PHS2, HCox2, PTGS2, Prostaglandin Endoperoxide Synthase 2, Prostaglandin G/H Synthase And Cyclooxygenase, Prostaglandin H2 synthase 2	
Pathways:	Brown Fat Cell Differentiation, Positive Regulation of fat Cell Differentiation	
Application Details		
Application Notes:	Western blotting: 1-5 µg/mL Immunocytochemistry in formalin fixed cells: 5-20 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL Immunohistochemistry in paraffin section: 5-20 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 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	

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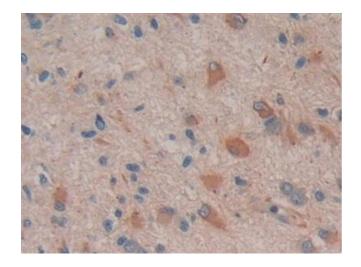
^{kDa} 44 33 26 22 18 14 10

Immunohistochemistry

Image 1. Detection of COX 2 in Human Breast cancerTissue using Polyclonal Antibody to Cyclooxygenase-2 (COX2)

Western Blotting

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



Immunohistochemistry

Image 3. Detection of COX 2 in Human Glioma Tissue using Polyclonal Antibody to Cyclooxygenase-2 (COX 2)

Please check the product details page for more images. Overall 5 images are available for ABIN7444103.

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