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Datasheet for ABIN7432421 anti-PTGS2 antibody (AA 187-425)

6 Images



Overview

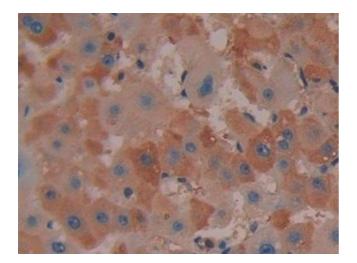
Quantity:	100 μL
Target:	PTGS2
Binding Specificity:	AA 187-425
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Cyclooxygenase-2 (COX 2)
Immunogen:	Recombinant Cyclooxygenase-2 (COX 2) corresdonding to Phe187~Asn425 with N-terminal His
	Tag
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.
Cross-Reactivity:	Mouse
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 (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: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5- 20 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



kDa 70kDa 70. 44 33. 26-22. 18-14. 10. kDa 70. 44 33. 30kDa 26-22. 18-14 10

Immunohistochemistry

Image 1. Detection of COX 2 in Human Liver Tissue using Polyclonal Antibody to Cyclooxygenase-2 (COX 2)

Western Blotting

Image 2. Detection of COX 2 in Mouse RAW 2647 Cells using Polyclonal Antibody to Cyclooxygenase-2 (COX 2)

Western Blotting	
Image 3. Detection of Recombinant PTGS2, Human using	
Polyclonal Antibody to Cyclooxygenase-2 (COX 2)	

Please check the product details page for more images. Overall 6 images are available for ABIN7432421.

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