# antibodies -online.com





# anti-PTGS1 antibody (AA 367-599)

4 Images



Go to Product page

### Overview

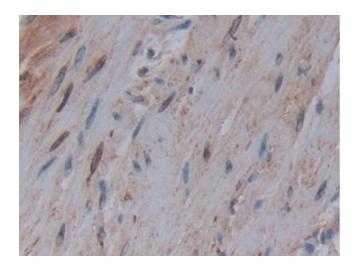
Quantity:	100 μL
Target:	PTGS1
Binding Specificity:	AA 367-599
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTGS1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

# **Product Details**

Purpose:	Polyclonal Antibody to Cyclooxygenase 1 (COX-1)
Immunogen:	Recombinant Cyclooxygenase 1 (COX-1) corresdonding to Gly367~Leu599 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against COX-1. It has been selected for its ability to recognize COX-1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

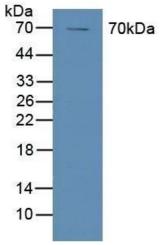
# **Target Details**

Target:	PTGS1
Alternative Name:	Cyclooxygenase 1 (PTGS1 Products)
Background:	PTGS1, COX3, PCOX1, PGG/HS, PGHS1, PHS1, PTGHS, Prostaglandin Endoperoxide Synthase
	1, Prostaglandin H2 Synthase 1, Prostaglandin G/H Synthase And Cyclooxygenase
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 $\mu$ g/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



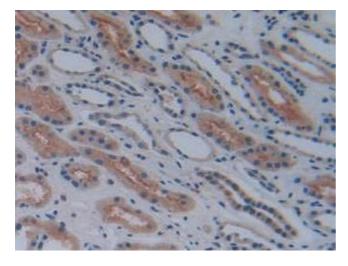
# **Immunohistochemistry**

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



# **Western Blotting**

Image 2. Detection of COX-1 in Human A431 Cells using Polyclonal Antibody to Cyclooxygenase 1 (COX-1)



# **Immunohistochemistry**

**Image 3.** Detection of COX-1 in Human Kidney Tissue using Polyclonal Antibody to Cyclooxygenase 1 (COX-1)

Please check the product details page for more images. Overall 4 images are available for ABIN7432478.