

## PTGS2 Antibody

Catalog No: #40094

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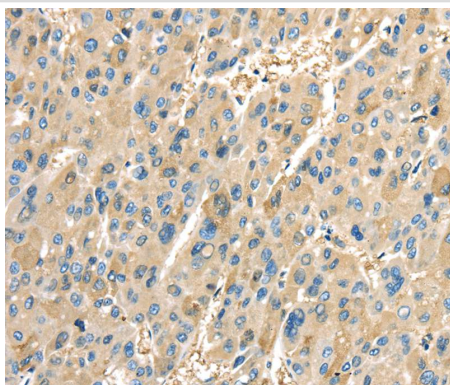
## Description

Product Name	PTGS2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PTGS2 protein.
Immunogen Type	Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)
Target Name	PTGS2
Other Names	COX2; COX-2; PHS-2; PGG/HS; PGHS-2; hCox-2; GRIPGHS
Accession No.	Swiss-Prot:P35354 Gene Accssion:BC013734
Uniprot	P35354
GeneID	5743;
Concentration	2.3mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Immunohistochemistry:1:30-1:150

## Images



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #40094 at dilution 1/40.

## Background

Prostaglandin-endoperoxide synthase (PTGS), also known as cyclooxygenase, is the key enzyme in prostaglandin biosynthesis, and acts both as a dioxygenase and as a peroxidase. There are two isozymes of PTGS: a constitutive PTGS1 and an inducible PTGS2, which differ in their regulation of

expression and tissue distribution. This gene encodes the inducible isozyme.?

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Note: This product is for in vitro research use only