



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## PTGS1 polyclonal antibody (A01)

Catalog # : H00005742-A01

規格 : [ 50 uL ]

List All

### Specification

**Product Description:** Mouse polyclonal antibody raised against a partial recombinant PTGS1.

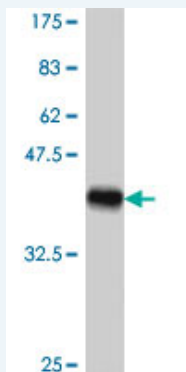
**Immunogen:** PTGS1 (AAH29840, 26 a.a. ~ 125 a.a) partial recombinant protein with GST tag.

**Sequence:** PGAPTPVNPCCYYPCQHQGICVRFGLDRYQCDCTRTGYSGPNCTIPGL  
WTWLRNSLRPSPSFTHFLLTHGRWFWEFVNATFIREMLMRLVLTVRSN  
LIPS

**Host:** Mouse

**Reactivity:** Human

**Quality Control Testing:** Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (37 KDa) .

**Storage Buffer:** 50 % glycerol

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**MSDS:** [Download](#)

**Datasheet:** [Download](#)

### Applications

Western Blot (Recombinant protein)

[Protocol Download](#)

ELISA

### Gene Information

**Entrez GeneID:** [5742](#)

**GeneBank Accession#:** [BC029840](#)

### Application Image

Western Blot (Recombinant protein)

ELISA

**Protein Accession#:** [AAH29840](#)

**Gene Name:** PTGS1

**Gene Alias:** COX1,COX3,PCOX1,PGG/HS,PGHS-1,PGHS1,PHS1,PTGHS

**Gene Description:** prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase)

**Omim ID:** [176805](#)

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** 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 PTGS1, which regulates angiogenesis in endothelial cells, and is inhibited by nonsteroidal anti-inflammatory drugs such as aspirin. PTGS1 is thought to be involved in cell-cell signaling and maintaining tissue homeostasis. Alternative splicing of this gene generates two transcript variants. The expression of these two transcripts is differentially regulated by relevant cytokines and growth factors. [provided by RefSeq]

**Other Designations:** OTTHUMP00000022052,OTTHUMP00000022053,prostaglandin G/H synthase and cyclooxygenase,prostaglandin-endoperoxide synthase 1

#### Gene Pathway

[Arachidonic acid metabolism](#) [Metabolic pathways](#)

#### Related Disease

[Abdominal Pain](#) [Adenocarcinoma](#) [Adenoma](#) [Adenomatous Polyps](#) [Alzheimer Disease](#) [Alzheimer disease](#) [Asthma](#) [Asthma](#) [Atherosclerosis](#) [Atherosclerosis](#) [Atrophy](#) [Brain Ischemia](#) [Breast cancer](#) [Breast Neoplasms](#) [Calcinosis](#) [Cardiovascular Diseases](#) [Cerebrovascular Accident](#) [Chorioamnionitis](#) [Chronic Disease](#)

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