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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PTGS1 (Human) IP-WB Antibody Pair

Catalog # : H00005742-PW1

規格 : [1 Set]

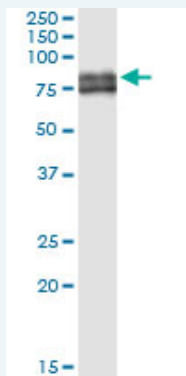
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Specification

Product Description: This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.

Reactivity: Human

Quality Control Testing: Immunoprecipitation-Western Blot (IP-WB)



Immunoprecipitation of PTGS1 transfected lysate using rabbit polyclonal anti-PTGS1 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-PTGS1.

Supplied Product: Antibody pair set content:
1. Antibody pair for IP: rabbit polyclonal anti-PTGS1 (300 ul)
2. Antibody pair for WB: mouse purified polyclonal anti-PTGS1 (50 ug)

Storage Instruction: Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

MSDS:  [Download](#)

Applications

Immunoprecipitation-Western Blot

 [Protocol Download](#)

Gene Information

Entrez GeneID: [5742](#)

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](#)

Application Image

Immunoprecipitation-Western Blot

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

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