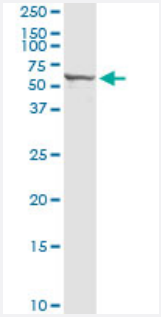
PTGIS (Human) IP-WB Antibody Pair

Catalog # H00005740-PW1 Size 1 Set

Applications



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

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 PTGIS transfected lysate using rabbit polyclonal anti-PTGIS and Protein A M agnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-PTGIS.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-PTGIS (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-PTGIS (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze tha w cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

Protocol Download

Gene Info — PTGIS

Entrez GeneID	5740
Gene Name	PTGIS
Gene Alias	CYP8, CYP8A1, MGC126858, MGC126860, PGIS, PTGI
Gene Description	prostaglandin I2 (prostacyclin) synthase
Omim ID	145500 601699
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. However, this protein is considered a mem ber of the cytochrome P450 superfamily on the basis of sequence similarity rather than functional similarity. This endoplasmic reticulum membrane protein catalyzes the conversion of prostglandin H2 to prostacyclin (prostaglandin I2), a potent vasodilator and inhibitor of platelet aggregation. An imbalance of prostacyclin and its physiological antagonist thromboxane A2 contribute to the devel opment of myocardial infarction, stroke, and atherosclerosis. [provided by RefSeq
Other Designations	OTTHUMP00000031777|cytochrome P450, family 8, subfamily A, polypeptide 1

Pathway

- Arachidonic acid metabolism
- Metabolic pathways

Disease

- Adenocarcinoma
- Adenomatous Polyps
- Alzheimer disease
- Atherosclerosis
- Brain Ischemia
- Breast cancer
- Breast Neoplasms

- Cardiovascular Diseases
- Cerebral Infarction
- Chronic Disease
- Colon cancer
- Colorectal Neoplasms
- Diabetes Complications
- Diabetes Mellitus
- Ductus Arteriosus
- Edema
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Hypertension
- Infant
- Kidney Failure
- Liver Cirrhosis
- Lung Neoplasms
- Metabolic Syndrome X
- Myocardial Infarction
- Neoplasms
- Osteoporosis
- Ovarian cancer
- Ovarian Neoplasms
- Pulmonary Disease
- Pulmonary Embolism
- Renal Insufficiency
- Respiratory Syncytial Virus Infections

- Respiratory Tract Infections
- Stroke
- Werner syndrome