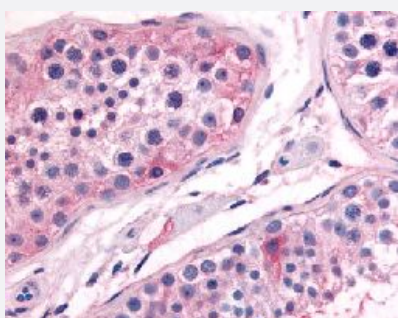


PTGES polyclonal antibody

Catalog # PAB16487

Size 50 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical (Formalin/PFA-fixed paraffin-embedded sections) staining in human testis with PTGES polyclonal antibody (Cat # PAB16487).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of PTGES.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to human PTGES.
Host	Rabbit
Reactivity	Bovine, Chicken, Dog, Horse, Human, Monkey, Pig, Rabbit, Rat, Zebra fish
Specificity	Near N-terminus of human.
Form	Liquid
Purification	Immunoaffinity purification
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (10 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical (Formalin/PFA-fixed paraffin-embedded sections) staining in human testis with PTGES polyclonal antibody (Cat # PAB16487).

Gene Info — PTGES

Entrez GeneID [9536](#)

Protein Accession# [O14684](#)

Gene Name PTGES

Gene Alias MGC10317, MGST-IV, MGST1-L1, MGST1L1, MPGES, PGES, PIG12, PP102, PP1294, TP5312, mPGES-1

Gene Description prostaglandin E synthase

Omim ID [605172](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a glutathione-dependent prostaglandin E synthase. The expression of this gene has been shown to be induced by proinflammatory cytokine interleukin 1 beta (IL1B). Its expression can also be induced by tumor suppressor protein TP53, and may be involved in TP53 induced apoptosis. Knockout studies in mice suggest that this gene may contribute to the pathogenesis of collagen-induced arthritis and mediate acute pain during inflammatory responses. [provided by RefSeq]

Other Designations MGST1-like 1|OTTHUMP00000022345|glutathione S-transferase 1-like 1|microsomal glutathione S-transferase 1-like 1|microsomal prostaglandin E synthase-1|p53-induced apoptosis protein 12|p53-induced gene 12|tumor protein p53 inducible protein 12

Pathway

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

Disease

- [Adenocarcinoma](#)
- [Adenoma](#)
- [Alzheimer disease](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Colorectal Neoplasms](#)
- [Connective Tissue Diseases](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Fetal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Infant](#)
- [Infection](#)
- [Inflammation](#)
- [Lymphoma](#)
- [Metabolic Syndrome X](#)

- [Musculoskeletal Diseases](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
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- [Ovarian Neoplasms](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Skin Diseases](#)
- [Stroke](#)