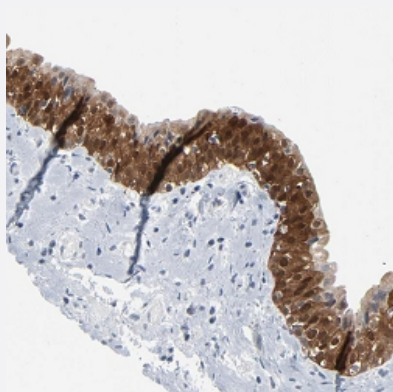


GPX2 polyclonal antibody

Catalog # PAB28006 Size 100 uL

Applications



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

Immunohistochemical staining of human urinary bladder with GPX2 polyclonal antibody (Cat # PAB28006) shows strong nuclear and cytoplasmic positivity in urothelial cells.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant GPX2.
Immunogen	Recombinant protein corresponding to amino acids of human GPX2
Sequence	VLGFPCNQFGHQENCQNEEILNSLKYVRPGGGYQPTFTLVQKCEVNGQNEHPVFAYLKDKLPYPYDDPFSLMTDPKLIWSPVRRSDVA
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°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)

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Gene Info — GPX2

Entrez GeneID[2877](#)**Gene Name**

GPX2

Gene Alias

GI-GPx, GPRP, GSHPX-GI, GSHPx-2

Gene Description

glutathione peroxidase 2 (gastrointestinal)

Omim ID[138319](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene is a member of the glutathione peroxidase family and encodes a selenium-dependent glutathione peroxidase that is one of two isoenzymes responsible for the majority of the glutathione-dependent hydrogen peroxide-reducing activity in the epithelium of the gastrointestinal tract. Studies in knockout mice indicate that mRNA expression levels respond to luminal microflora, suggesting a role of the ileal glutathione peroxidases in preventing inflammation in the GI tract. [provided by RefSeq]

Other Designations

gastrointestinal glutathione peroxidase 2|glutathione peroxidase 2|glutathione peroxidase-related protein 2

Pathway

- [Arachidonic acid metabolism](#)
- [Glutathione metabolism](#)

Disease

- [Adenocarcinoma](#)
- [Adenoma](#)
- [Barrett Esophagus](#)
- [Cardiovascular Diseases](#)
- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Occupational Diseases](#)
- [Ovarian cancer](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)