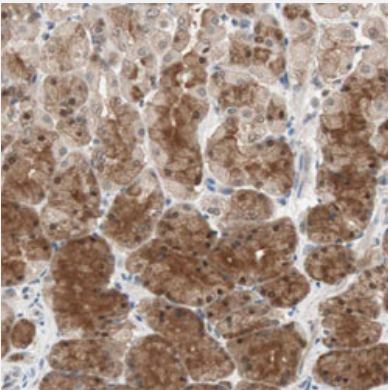


GART polyclonal antibody

Catalog # PAB31083 Size 100 uL

Applications



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

Immunohistochemical staining of human stomach shows strong nuclear and cytoplasmic positivity in glandular cells.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human GART.
Immunogen	Recombinant protein corresponding to human GART.
Sequence	LGDLLLTPTRYSHSLLPVLRSGHVKAFAHITGGGLENIPRVLPEKLGVDLDAQTWIRPVFSWLQ QEGHLSSEEEMARTFNCGVGAVLVVSKEQTEQILRDIQQHKEEAWVIGSVVARAEGSPRVKVKNLI ESMQINGSVLKNGSLT
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-200) 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)

Immunohistochemical staining of human stomach shows strong nuclear and cytoplasmic positivity in glandular cells.

Gene Info — GART

Entrez GeneID	2618
Protein Accession#	P22102
Gene Name	GART
Gene Alias	AIRS, GARS, GARTF, MGC47764, PAIS, PGFT, PRGS
Gene Description	phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase
Omim ID	138440
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a trifunctional polypeptide. It has phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase activity which is required for de novo purine biosynthesis. This enzyme is highly conserved in vertebrates. Alternative splicing of this gene results in two transcript variants encoding different isoforms. [provided by RefSeq]
Other Designations	OTTHUMP00000068280 OTTHUMP00000068281 OTTHUMP00000068282 OTTHUMP00000068337 trifunctional purine biosynthetic protein adenosine-3

Pathway

- [Metabolic pathways](#)
- [One carbon pool by folate](#)

- [Purine metabolism](#)

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colorectal Neoplasms](#)
- [Ductus Arteriosus](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Spinal Dysraphism](#)
- [Tooth Abnormalities](#)