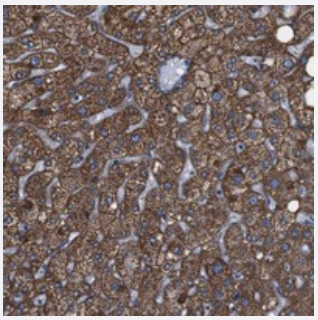
GGT7 polyclonal antibody

Catalog # PAB20645 Size 100 uL

Applications



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

Immunohistochemical staining of human liver with GGT7 polyclonal antibody (Cat # PAB20645) shows strong cytoplasmic positivity in hepatocytes.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant GGT7.
Immunogen	Recombinant protein corresponding to amino acids of human GGT7.
Sequence	HLVLSPPPPHTGPALISALNILEGFNLTSLVSREQALHWVAETLKIALALASRLGDPVYDSTITESMD DMLSKVEAAYLRGHINDSQAAPAPLLPVYELDGAPTAAQVLIMGPDDFIVAMVSSLNQPFGSGLIT PSGILLNS
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Western Blot (1:250-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

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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 shoul d be handled by trained staff only.

Applications

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

  Immunohistochemical staining of human liver with GGT7 polyclonal antibody (Cat # PAB20645) shows strong cytoplasmic positivity in hepatocytes.

- Western Blot

Gene Info — GGT7

Entrez GeneID	2686
Protein Accession#	Q9UJ14
Gene Name	GGT7
Gene Alias	D20S101, GGT4, GGTL3, GGTL5, dJ18C9.2
Gene Description	gamma-glutamyltransferase 7
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of a gene family that encodes enzymes involved in both the metabolism of glutathione and in the transpeptidation of amino acids. Changes in the activity of gamma-glutamylt ransferase may signal preneoplastic or toxic conditions in the liver or kidney. The protein encoded by this gene consists of a heavy and a light chain, and it can interact with CT120, a plasma memb rane-associated protein that is possibly involved in lung carcinogenesis. [provided by RefSeq
Other Designations	gamma-glutamyltransferase 4|gamma-glutamyltransferase-like 3|gamma-glutamyltransferase-like 5|gamma-glutamyltranspeptidase-like 3

Pathway

- Arachidonic acid metabolism
- Cyanoamino acid metabolism

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- Glutathione metabolism
- Metabolic pathways
- Selenoamino acid metabolism
- Taurine and hypotaurine metabolism

Disease

- Tobacco Use Disorder

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