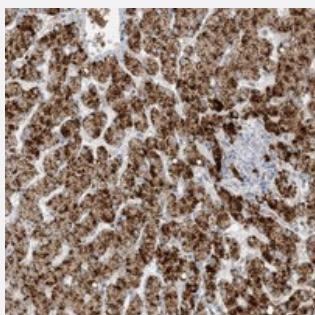


# AGXT polyclonal antibody

Catalog # PAB22869      Size 100 uL

## Applications



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

Immunohistochemical staining of human liver with AGXT polyclonal antibody (Cat # PAB22869) shows strong cytoplasmic positivity in granular pattern in hepatocytes at 1:1000-1:2500 dilution.

## Specification

Product Description	Rabbit polyclonal antibody raised against recombinant AGXT.
Immunogen	Recombinant protein corresponding to amino acids of human AGXT.
Sequence	HPMTKDPGGHYTLQEVEEGLAQHKPVLLFLTHGESSTGVLQPLDGFGE LCHRYKCLLLVDSVAS LGGTPLYMDRQGIDILYSGS
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:1000-1:2500) 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.

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## Gene Info — AGXT

**Entrez GeneID**[189](#)**Protein Accession#**[P21549](#)**Gene Name**

AGXT

**Gene Alias**

AGT, AGT1, AGXT1, PH1, SPAT, SPT, TLH6

**Gene Description**

alanine-glyoxylate aminotransferase

**Omim ID**[259900 604285](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene is expressed only in the liver and the encoded protein is localized mostly in the peroxisomes, where it is involved in glyoxylate detoxification. Mutations in this gene, some of which alter subcellular targeting, have been associated with type I primary hyperoxaluria. [provided by RefSeq]

**Other Designations**

L-alanine: glyoxylate aminotransferase 1|hepatic peroxisomal alanine:glyoxylate aminotransferase|serine-pyruvate aminotransferase|serine:pyruvate aminotransferase

## Pathway

- [Alanine](#)
- [Glycine](#)
- [Metabolic pathways](#)

## Disease

- [Colorectal Neoplasms](#)
- [Hyperoxaluria](#)
- [Kidney Failure](#)
- [Nervous System Diseases](#)