

AGXT / AGT Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF2877a

Specification

AGXT / AGT Antibody (internal region) - Product Information

Application	E
Primary Accession	P21549
Other Accession	NP_000021.1 , 189
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	43010

AGXT / AGT Antibody (internal region) - Additional Information

Gene ID 189

Other Names

Serine--pyruvate aminotransferase, SPT, 2.6.1.51, Alanine--glyoxylate aminotransferase, AGT, 2.6.1.44, AGXT, AGT1, SPAT

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

AGXT / AGT Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

AGXT / AGT Antibody (internal region) - Protein Information

Name AGXT ([HGNC:341](#))

Synonyms AGT1, SPAT

Function

Peroxisomal aminotransferase that catalyzes the transamination of glyoxylate to glycine and contributes to the glyoxylate detoxification (PubMed:[10960483](http://www.uniprot.org/citations/10960483)), PubMed:[12777626](http://www.uniprot.org/citations/12777626)), PubMed:[23229545](http://www.uniprot.org/citations/23229545)), PubMed:[23229545](http://www.uniprot.org/citations/23229545)), PubMed:[23229545](http://www.uniprot.org/citations/23229545)), PubMed:[23229545](http://www.uniprot.org/citations/23229545))

[24055001](http://www.uniprot.org/citations/24055001), PubMed: [26149463](http://www.uniprot.org/citations/26149463)). Also catalyzes the transamination between L-serine and pyruvate and contributes to gluconeogenesis from the L-serine metabolism (PubMed: [10347152](http://www.uniprot.org/citations/10347152)).

Cellular Location

Peroxisome

Tissue Location

Liver.

AGXT / AGT Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

AGXT / AGT Antibody (internal region) - Images**AGXT / AGT Antibody (internal region) - References**

Molecular etiology of primary hyperoxaluria type 1: new directions for treatment. Danpure CJ. Am J Nephrol. 2005 May-Jun;25(3):303-10. PMID: 15961951