



Goat anti-Human AGXT polyclonal antibody (DPAB-DC806)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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 targetting, have been associated with type I primary hyperoxaluria.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human AGXT. The sequence is C-DKAKKKMYSRK
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	ELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	AGXT alanine-glyoxylate aminotransferase [Homo sapiens (human)]
Official Symbol	AGXT
Synonyms	AGXT; alanine-glyoxylate aminotransferase; AGT; PH1; SPT; AGT1; SPAT; TLH6; AGXT1; serine--pyruvate aminotransferase; serine-pyruvate aminotransferase; serine:pyruvate aminotransferase; alanine--glyoxylate aminotransferase; L-alanine: glyoxylate aminotransferase 1; hepatic peroxisomal alanine:glyoxylate aminotransferase;
Entrez Gene ID	189
Protein Refseq	NP_000021
UniProt ID	P21549
Chromosome Location	2q37.3
Pathway	Alanine and aspartate metabolism; Alanine, aspartate and glutamate metabolism; Carbon metabolism; Glycine, serine and threonine metabolism
Function	alanine-glyoxylate transaminase activity; amino acid binding; protein binding; protein homodimerization activity
