

Mouse anti-Human AGXT Monoclonal Antibody | anti-AGXT antibody

Human AGXT antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48977	Mouse	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

AGXT; Monoclonal Antibody; Human AGXT antibody; alanine-glyoxylate aminotransferase; AGXT1; PH1; AGT; SPT; AGT1; L-alanine: glyoxylate aminotransferase 1; serine:pyruvate aminotransferase; Ser-PyrAT; SPAT; TLH6; anti-AGXT antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b kappa
Clone Number	AT2D10
Purity/Purification	By protein-A affinity chromatography
Form/Format	Liquid in. Phosphate-Buffered Saline (pH7.4) with 0.02% Sodium Azide, 10% Glycerol
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-AGXT antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant AGXT (330-392aa) purified from E coli
Preparation and Storage	Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-AGXT antibody	The AGXT gene provides instructions for making a liver enzyme called alanine-glyoxylate aminotransferase. Inside liver cells, this enzyme is found in peroxisomes, structures that contain many different enzymes used to produce energy and the basic materials important for cellular activities. AGXT converts a compound called glyoxylate to glycine, an amino acid that is a building block for making enzymes and other proteins.
Product Categories/Family for anti-AGXT antibody	Metabolism ; Antibodies
References	Donini S, et al., (2009) Biochem J 422(2):265-272. Grujic D, et al., (2009) Am J Nephrol 29(2):86-93. Williams EL, et al., (2009) Hum Mutat 30(6):910-917.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557289
NCBI GeneID	189
NCBI Accession #	NP_000021.1
NCBI GenBank Nucleotide #	NM_000030.2

UniProt Accession #	P21549; Q53QU6
Molecular Weight	43,010 Da
NCBI Official Full Name	serine--pyruvate aminotransferase
NCBI Official Synonym Full Names	alanine-glyoxylate aminotransferase
NCBI Official Symbol	AGXT
NCBI Official Synonym Symbols	AGT; PH1; SPT; AGT1; SPAT; TLH6; AGXT1
NCBI Protein Information	serine--pyruvate aminotransferase; serine-pyruvate aminotransferase; serine:pyruvate aminotransferase; alanine--glyoxylate aminotransferase; L-alanine: glyoxylate aminotransferase 1; hepatic peroxisomal alanine:glyoxylate aminotransferase
UniProt Protein Name	Serine--pyruvate aminotransferase
UniProt Gene Name	AGXT
UniProt Synonym Gene Names	AGT1; SPAT; SPT; AGT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/agxt-antibody-clone-at2d10-flow-cytometry-immunofluorescence-immunocytochemistry-western-blot-elisa/48977>