

Rabbit anti-Mouse, Rat AGXT Polyclonal Antibody | anti-AGXT antibody

AGXT Polyclonal Antibody

CATALOG # AAA281172	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Western Blot
-------------------------------	-----------------------	---------------------------------	-------------------------------------

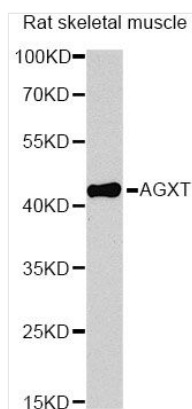
PRODUCT SYNONYMS

AGXT; Polyclonal Antibody; AGXT Polyclonal Antibody; AGT; AGT1; AGXT1; PH1; SPAT; SPT; TLH6; anti-AGXT antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	392
Applicable Applications for anti-AGXT antibody	WB (Western Blot)
Category	Primary antibody
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 183-392 of human AGXT (NP_000021.1)
Immunogen Species	Human
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of rat skeletal muscle, using AGXT antibody (AAA281172) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-AGXT antibody	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.
Product Categories/Family for anti-AGXT antibody	Polyclonal Antibodies

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	Calculated: 43kDa Observed: 43kDa
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
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.