

A8397

Leader in Biomolecular Solutions for Life Science



AGXT Rabbit pAb

Catalog No.: A8397 **1 Publications**

Basic Information

Observed MW

41kDa

Calculated MW

43kDa

Category

Polyclonal Antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human,Mouse

Background

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.

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200

Immunogen Information

Gene ID	Swiss Prot
189	P21549

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 183-392 of human AGXT (NP_000021.1).

Synonyms

AGT; PH1; SPT; AGT1; SPAT; TLH6; AGXT1; Ser-PyrAT; AGXT

Contact

 www.abclonal.com

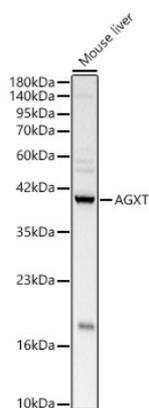
Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of lysates from Mouse liver, using AGXT Rabbit pAb (A8397) at 1:3000 dilution.

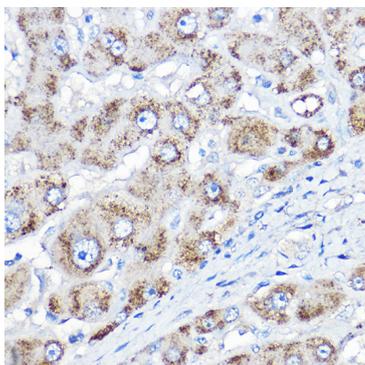
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.



Immunohistochemistry analysis of paraffin-embedded Human liver using AGXT Rabbit pAb (A8397) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.