

Datasheet for ABIN390393

anti-AGXT antibody (AA 96-125)

7 Images

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Overview

Quantity:	400 µL
Target:	AGXT
Binding Specificity:	AA 96-125
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AGXT antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This AGXT antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 96-125 amino acids from the Central region of human AGXT.
Clone:	RB18848
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	AGXT
Alternative Name:	AGXT (AGXT Products)

Target Details

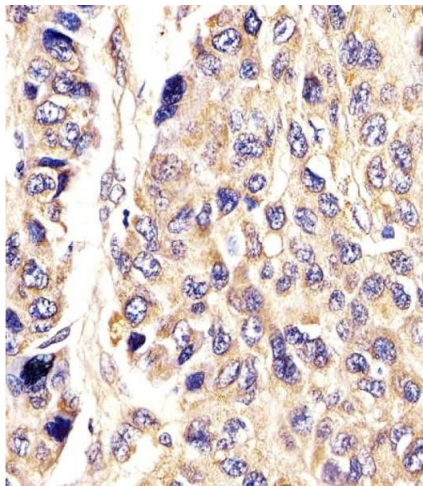
Background:	AGXT is expressed only in the liver and protein is localized mostly in the peroxisomes, where it is involved in glyoxylate detoxification.
Molecular Weight:	43010
Gene ID:	189
NCBI Accession:	NP_000021
UniProt:	P21549
Pathways:	Monocarboxylic Acid Catabolic Process , Dicarboxylic Acid Transport

Application Details

Application Notes:	WB: 1:8000. WB: 1:2000. WB: 1:2000. WB: 1:2000. WB: 1:1000. IHC-P: 1:50~100. IHC-P: 1:25
Restrictions:	For Research Use only

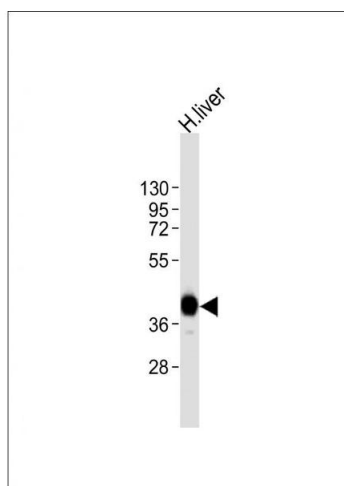
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	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.
Expiry Date:	6 months



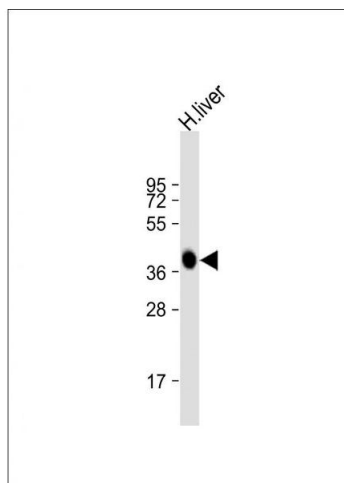
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. (ABIN390393 and ABIN2840785) staining AGXT in Human hepatic carcinoma tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3 % BSA for 0.5 hour at room temperature, antigen retrieval was by heat mediation with a citrate buffer (pH 6). Samples were incubated with primary antibody (1/25) for 1 hour at 37 °C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



Western Blotting

Image 2. Anti-AGXT Antibody (Center) at 1:8000 dilution + human liver lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 43 kDa. Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 3. Anti-AGXT Antibody (Center) at 1:2000 dilution + human liver lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 43 kDa. Blocking/Dilution buffer: 5 % NFDM/TBST.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN390393.