

For Research Use Only

AGXT Polyclonal antibody

Catalog Number: 22394-1-AP **1 Publications**



Basic Information

Catalog Number: 22394-1-AP	GenBank Accession Number: BC132819	Purification Method: Antigen affinity purification
Size: 400 µg/ml	GeneID (NCBI): 189	Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: P21549	
Isotype: IgG	Full Name: alanine-glyoxylate aminotransferase	
Immunogen Catalog Number: AG18062	Calculated MW: 392 aa, 43 kDa	
	Observed MW: 43-45 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : mouse liver tissue, mouse lung tissue IHC : human liver tissue,
Cited Applications: IF	
Species Specificity: human, mouse	
Cited Species: mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

AGXT (AGT) is a key enzyme in glyoxylate detoxification. Mutations of AGXT lead to primary hyperoxaluria type I, a rare metabolic disease which is characterized by deficient AGXT, excessive hepatic oxalate production that leads to renal failure.

Notable Publications

Author	Pubmed ID	Journal	Application
Anjli Kukreja	30676254	Nucleic Acid Ther	IF

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

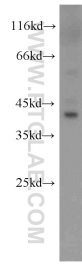
T: 4006900926

E: Proteintech-CN@ptglab.com

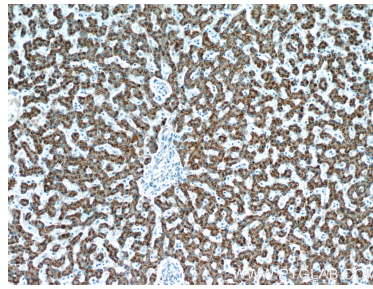
W: ptgcn.com

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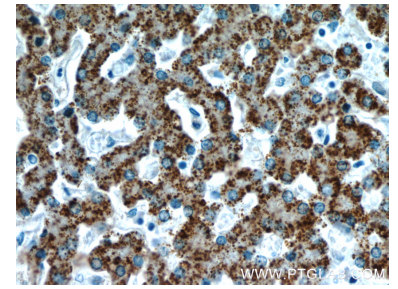
Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 22394-1-AP (AGXT antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver slide using 22394-1-AP (AGXT Antibody) at dilution of 1:50.



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