

For Research Use Only

AGXT Polyclonal antibody

Catalog Number: 22394-1-AP

1 Publications



Basic Information

Catalog Number:

22394-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 380 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18062

GenBank Accession Number:

BC132819

GeneID (NCBI):

189

UNIPROT ID:

P21549

Full Name:

alanine-glyoxylate aminotransferase

Calculated MW:

392 aa, 43 kDa

Observed MW:

43-45 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

IF

Species Specificity:

human, mouse

Cited Species:

mouse

Positive Controls:

WB : mouse liver tissue, mouse lung tissue

Background Information

AGXT (AGT) is a key enzyme in glyoxylate detoxification. Mutations of AGXT lead to primary hyperoxaluria type I, a rare metabolic disease that is characterized by deficient AGXT, and 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

*** 20ul sizes contain 0.1% BSA

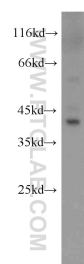
For technical support and original validation data for this product please contact:

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W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.