

For Research Use Only

# AGXT Polyclonal antibody, PBS Only

Catalog Number: 22394-1-PBS



## Basic Information

**Catalog Number:**

22394-1-PBS

**Size:**

100ug, Concentration: 1mg/ml by Nanodrop;

**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

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

human, mouse

## 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.

## Storage

**Storage:**

Store at -80°C.

**Storage Buffer:**

PBS Only

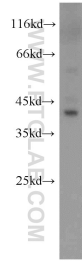
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## Selected Validation Data



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. This data was developed using the same antibody clone with 22394-1-PBS in a different storage buffer formulation.



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



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