

AGXT (4O10) Rabbit Monoclonal Antibody

AGXT (4010) Rabbit Monoclonal Antibody Catalog # AP93720

Product Information

Application WB, IHC, FC

Primary Accession
Reactivity
Rat, Human, Mouse
Monoclonal

Calculated MW 43010

Additional Information

Gene ID 189

Dilution WB~~1:1000 IHC~~1:100~500 FC~~1:10~50

Storage Conditions -20°C

Protein Information

Name AGXT (HGNC:341)

Synonyms AGT1, SPAT

Function Peroxisomal aminotransferase that catalyzes the transamination of

glyoxylate to glycine and contributes to the glyoxylate detoxification

(PubMed: 10960483, PubMed: 12777626, PubMed: 23229545,

PubMed:<u>24055001</u>, PubMed:<u>26149463</u>). Also catalyzes the transamination between L-serine and pyruvate and contributes to gluconeogenesis from the

L-serine metabolism (PubMed: 10347152).

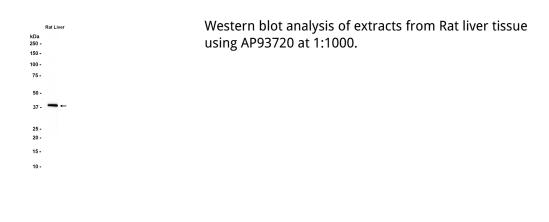
Cellular Location Peroxisome

Tissue Location Liver.

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 targetting, have been associated with type I primary hyperoxaluria. [provided by RefSeq, Jul 2008]

Images



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