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AGXT (4O10) Rabbit Monoclonal Antibody

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Catalog # AP93720

Product Information

Application	WB, IHC-P, FC, IF
Primary Accession	P21549, O35423, P09139
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Calculated MW	43010

Additional Information

Gene ID	189
Dilution	WB~~1:1000 IHC-P~~N/A FC~~1:10~50 IF~~1:50~200
Storage Conditions	-20℃

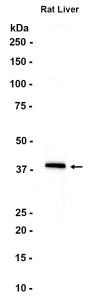
Protein Information

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:24055001, PubMed:26149463). 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



Western blot analysis of extracts from Rat liver tissue using AP93720 at 1:1000.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.