Datasheet for ABIN570701

anti-AGXT antibody (Internal Region)

Overview

Quantity:	100 µg
Target:	AGXT
Binding Specificity:	Internal Region
Reactivity:	Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This AGXT antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	AGXT (rat)
Immunogen:	C-DKAKSKVYSRKTK
Sequence:	DKAKSKVYSR KTK
Isotype:	IgG
Cross-Reactivity:	Dog, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

Target Details

Target:	AGXT
Alternative Name:	Agxt (AGXT Products)
Background:	Agxt, alanine-glyoxylate aminotransferase, Spat, Alanine-glyoxylate aminotransferase (Serine-pyruvate aminotransferase), Serine-pyruvate aminotransferase, angiotensin receptor 2, serine pyruvate aminotransferase precursor (AA -22 to 392), serine:pyruvate
Gene ID:	24792
NCBI Accession:	NP_085914
Pathways:	Monocarboxylic Acid Catabolic Process, Dicarboxylic Acid Transport

Application Details

Application Notes:	Western Blot: Preliminary experiments gave an approx. 22 kDa band in Mouse and Rat Liver lysates after 0.1 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size Peptide ELISA: antibody detection limit dilution 1:8000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.