

Datasheet for ABIN452656
anti-AGXT antibody (AA 330-392)[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mL
Target:	AGXT
Binding Specificity:	AA 330-392
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This AGXT antibody is un-conjugated
Application:	Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Recombinant AGXT (330-392 aa) purified from E. coli
Clone:	AT2T4
Isotype:	IgG2b
Specificity:	The antibody recognizes Human AGXT. Other species not tested.
Characteristics:	Synonyms: SPAT, SPT, Serine-pyruvate aminotransferase
Purification:	Protein-G affinity chromatography

Target Details

Target:	AGXT
Alternative Name:	AGXT / AGT1 (AGXT Products)

Target Details

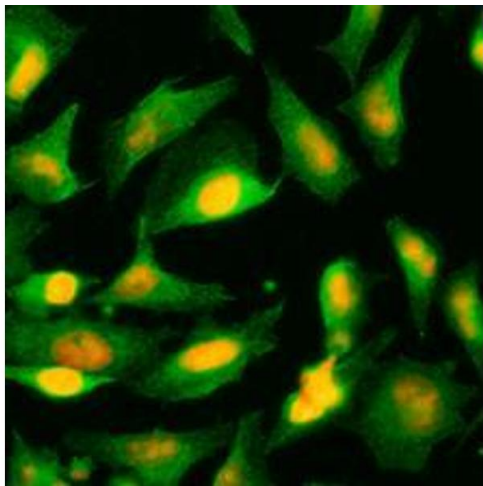
Background:	The AGXT gene provides instructions for making a liver enzyme called alanine-glyoxylate aminotransferase. Inside liver cells, this enzyme is found in peroxisomes, structures that contain many different enzymes used to produce energy and the basic materials important for cellular activities. AGXT converts a compound called glyoxylate to glycine, an amino acid that is a building block for making enzymes and other proteins.Synonyms: SPAT, SPT, Serine-pyruvate aminotransferase
Gene ID:	189
UniProt:	P21549
Pathways:	Monocarboxylic Acid Catabolic Process , Dicarboxylic Acid Transport

Application Details

Application Notes:	ELISA. Immunofluorescence (1: 500 - 1: 1000). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

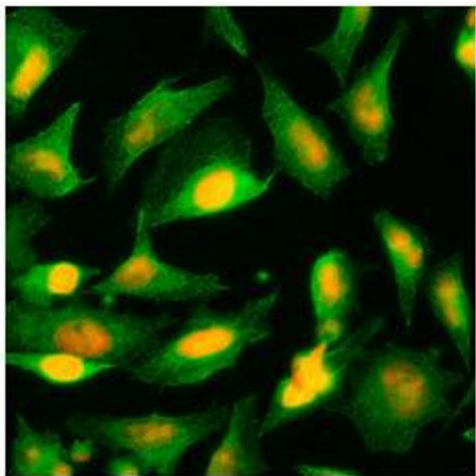
Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	PBS, pH 7.4, containing 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for up to two weeks or (in aliquots) at -20 °C or -70 °C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Expiry Date:	12 months



Immunofluorescence

Image 1.



Immunofluorescence

Image 2.