

Datasheet for ABIN950306
anti-AGXT2 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	AGXT2
Binding Specificity:	AA 443-473, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AGXT2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 443~473 amino acids from the C-terminal region of human AGXT2
Isotype:	Ig Fraction
Specificity:	This antibody reacts to AGXT2.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	AGXT2
Alternative Name:	AGXT2 / AGT2 (AGXT2 Products)

Target Details

Background: The protein encoded by this gene is a class III pyridoxal-phosphate-dependent mitochondrial aminotransferase. It catalyzes the conversion of glyoxylate to glycine using L-alanine as the amino donor. Synonyms: (R)-3-amino-2-methylpropionate-pyruvate transaminase, Alanine-glyoxylate aminotransferase 2, Beta-ALAAT II, Beta-alanine-pyruvate aminotransferase, D-AIBAT, mitochondrial

Gene ID: 64902

NCBI Accession: [NP_114106](#)

Pathways: [Monocarboxylic Acid Catabolic Process](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) sodium azide as preservative

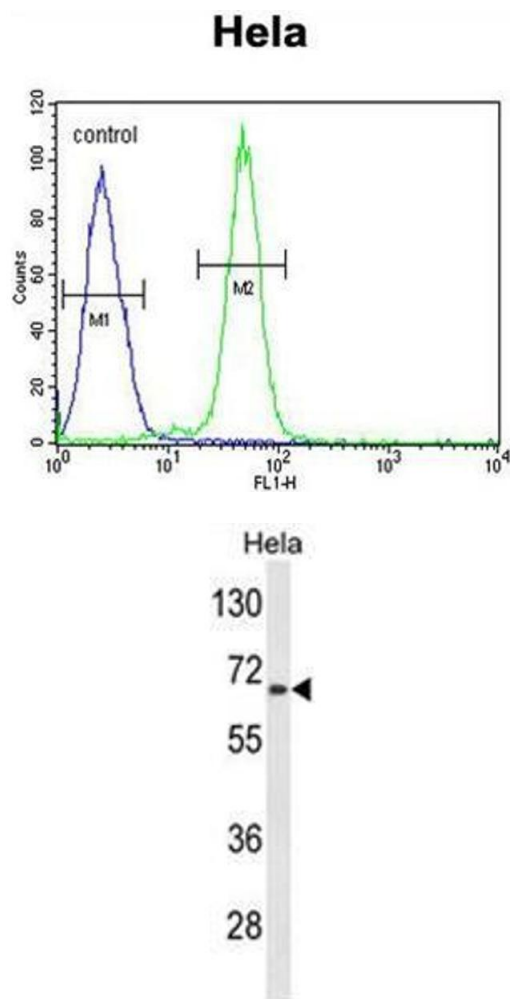
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Flow Cytometry

Image 1. AGXT2 Antibody (C-term) flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of AGXT2 Antibody (C-term) in HeLa cell line lysates (35 µg/lane). AGXT2 (arrow) was detected using the purified Pab.