



Datasheet for ABIN653791  
**anti-AGXT2 antibody (C-Term)**



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2 Images

Overview

Quantity:	400 µL
Target:	AGXT2
Binding Specificity:	AA 437-463, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AGXT2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This AGXT2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 437-463 amino acids from the C-terminal region of human AGXT2.
Clone:	RB23661
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	AGXT2
Alternative Name:	AGXT2 ( <a href="#">AGXT2 Products</a> )
Background:	The protein encoded by this gene is a class III pyridoxal-phosphate-dependent mitochondrial

## Target Details

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aminotransferase. It catalyzes the conversion of glyoxylate to glycine using L-alanine as the amino donor.

Molecular Weight: 57156

Gene ID: 64902

NCBI Accession: [NP\\_114106](#)

UniProt: [Q9BYV1](#)

Pathways: [Monocarboxylic Acid Catabolic Process](#)

## Application Details

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Application Notes: WB: 1:1000. FC: 1:10~50

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

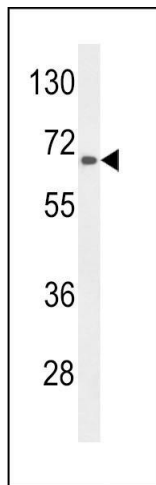
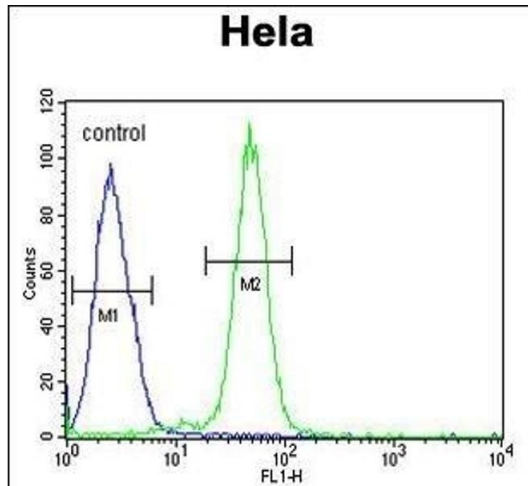
Preservative: Sodium azide

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: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



### Flow Cytometry

**Image 1.** AGXT2 Antibody (C-term) (ABIN653791 and ABIN2843075) 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 lysate from HepG2 cell line, using AGXT2 Antibody (C-term) (ABIN653791 and ABIN2843075). (ABIN653791 and ABIN2843075) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35 µg per lane.