Datasheet for ABIN652917

anti-GOT2 antibody (N-Term)

2 Images

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Overview

Quantity:	400 µL
Target:	GOT2
Binding Specificity:	AA 33-61, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GOT2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This GOT2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 33-61 amino acids from the N-terminal region of human GOT2.
Clone:	RB22986
Isotype:	Ig Fraction
Predicted Reactivity:	B, C, Pr, M, Pig, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	GOT2
Alternative Name:	GOT2 (GOT2 Products)

Target Details

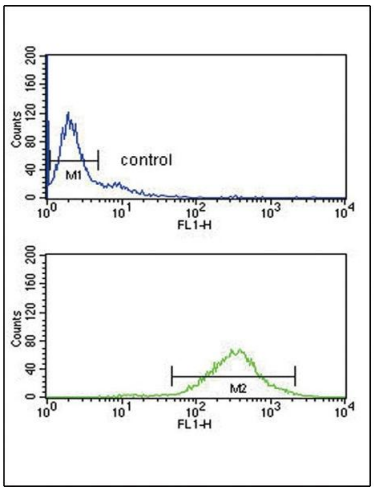
Background:	Glutamic-oxaloacetic transaminase is a pyridoxal phosphate-dependent enzyme which exists in cytoplasmic and inner-membrane mitochondrial forms, GOT1 and GOT2, respectively. GOT plays a role in amino acid metabolism and the urea and tricarboxylic acid cycles. The two enzymes are homodimeric and show close homology.
Molecular Weight:	47518
Gene ID:	2806
NCBI Accession:	NP_002071
UniProt:	P00505
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

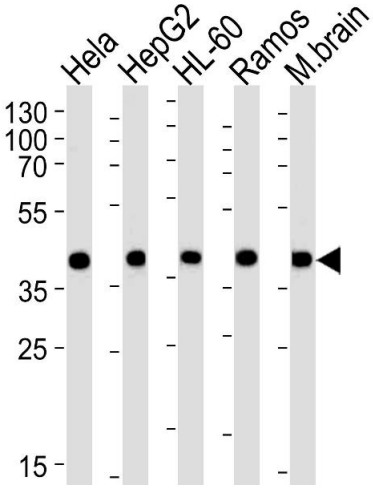
Handling

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. GOT2 Antibody (N-term) (ABIN652917 and ABIN2842590) flow cytometry analysis of Ramos cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Western blot analysis of lysates from Hela, HepG2, HL-60, Ramos, mouse brain cell line (from left to right), using GOT2 Antibody (N-term) (ABIN652917 and ABIN2842590). (ABIN652917 and ABIN2842590) 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. Lysates at 35 µg per lane.