

Datasheet for ABIN7464786
anti-GOT1 antibody (N-Term)



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Overview

Quantity:	100 µL
Target:	GOT1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GOT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the N-terminus region of human GOT1. The exact sequence is proprietary.
Clone:	GT1255
Isotype:	IgG2b
Cross-Reactivity:	Human, Mouse
Purification:	Affinity purified by Protein A.

Target Details

Target:	GOT1
Alternative Name:	glutamic-oxaloacetic transaminase 1 (GOT1 Products)

Target Details

Background:	Glutamic-oxaloacetic transaminase 1 , AST1 , ASTQTL1 , GIG18 , cAspAT , cCAT,Glutamic-oxaloacetic transaminase is a pyridoxal phosphate-dependent enzyme which exists in cytoplasmic and 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. [provided by RefSeq]
Molecular Weight:	46 kDa
Gene ID:	2805
UniProt:	P17174
Pathways:	Hepatitis C , Monocarboxylic Acid Catabolic Process , Methionine Biosynthetic Process

Application Details

Application Notes:	WB: 1:1000-1:10000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: mouse heart , mouse liver Validation: Orthogonal
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS (pH 7), 20 % Glycerol, No Preservative
Preservative:	Without preservative
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.