

Datasheet for ABIN7428356
anti-GOT1 antibody (AA 1-413)

3 Images

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Overview

Quantity:	100 µL
Target:	GOT1
Binding Specificity:	AA 1-413
Reactivity:	Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GOT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Aspartate Aminotransferase (AST)
Immunogen:	Recombinant Aspartate Aminotransferase (AST) corresponding to Met1~Gln413 with N-terminal His Tag
Clone:	C2
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against AST. It has been selected for its ability to recognize AST in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

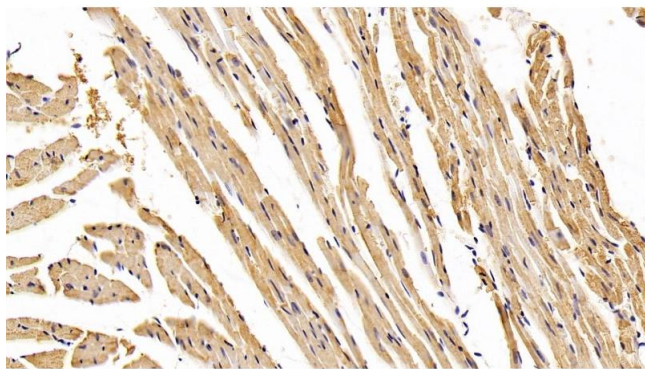
Target:	GOT1
Alternative Name:	Aspartate Aminotransferase (GOT1 Products)
Background:	CCAT, AAT, ASAT, SGOT, GOT1, Cysteine transaminase, cytoplasmic, Transaminase A, Aspartate Transaminase 1, Cytoplasmic, Glutamic-Oxaloacetic Transaminase 1, Soluble
Pathways:	Hepatitis C , Monocarboxylic Acid Catabolic Process , Methionine Biosynthetic Process

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

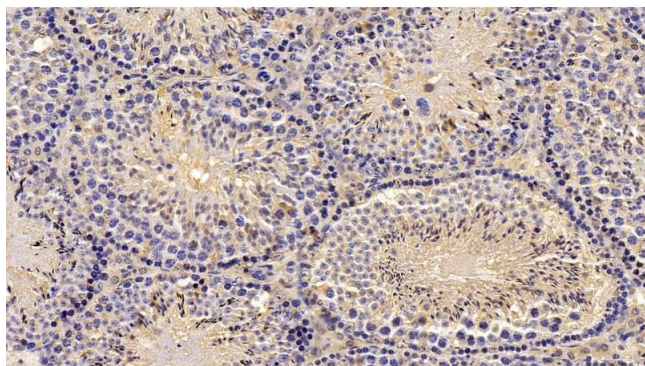
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



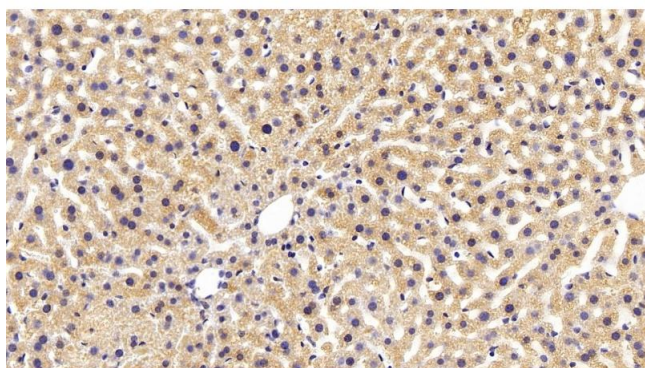
Immunohistochemistry

Image 1. Detection of AST in Mouse Cardiac Muscle Tissue using Monoclonal Antibody to Aspartate Aminotransferase (AST)



Immunohistochemistry

Image 2. Detection of AST in Mouse Testis Tissue using Monoclonal Antibody to Aspartate Aminotransferase (AST)



Immunohistochemistry

Image 3. Detection of AST in Mouse Liver Tissue using Monoclonal Antibody to Aspartate Aminotransferase (AST)