

Datasheet for ABIN7426220  
**anti-GOT1 antibody (AA 1-413)**



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11 Images

## Overview

Quantity:	100 µL
Target:	GOT1
Binding Specificity:	AA 1-413
Reactivity:	Human
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:	C1
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:	Mouse, Pig, Rat
Purification:	Protein A + Protein G affinity chromatography

## Target Details

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

## Application Details

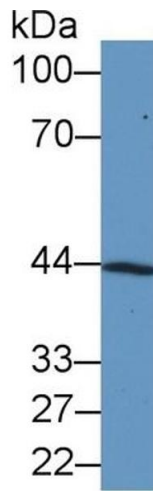
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Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate 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

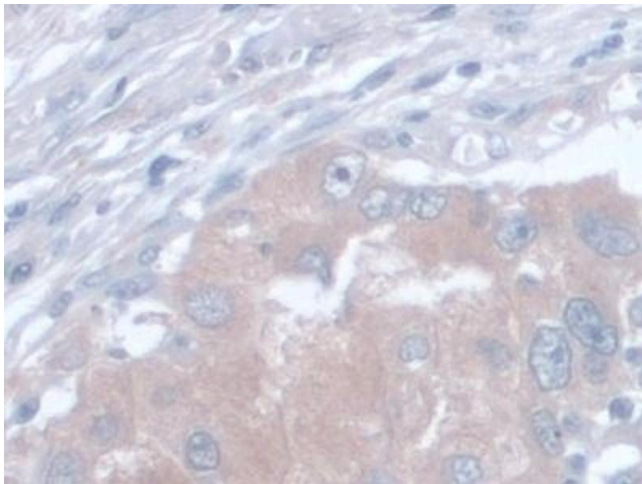
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Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	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



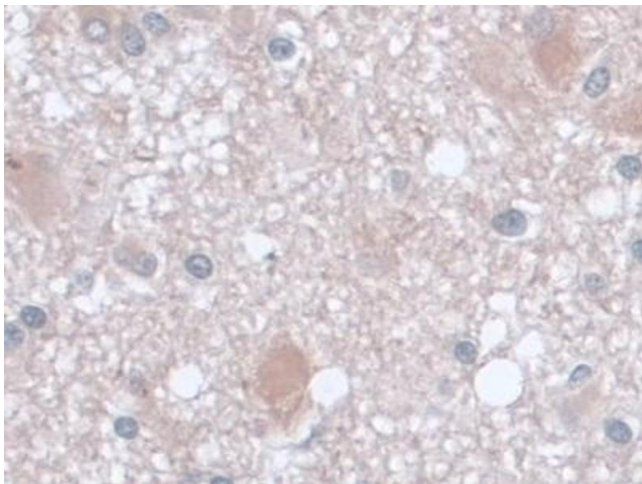
#### Western Blotting

**Image 1.** Detection of AST in Porcine Cerebrum lysate using Monoclonal Antibody to Aspartate Aminotransferase (AST)



#### Immunohistochemistry

**Image 2.** Detection of AST in Human Breast cancer Tissue using Monoclonal Antibody to Aspartate Aminotransferase (AST)



#### Immunohistochemistry

**Image 3.** Detection of AST in Human Glioma Tissue using Monoclonal Antibody to Aspartate Aminotransferase (AST)

Please check the [product details page](#) for more images. Overall 11 images are available for ABIN7426220.