

Datasheet for ABIN238623  
**anti-GOT1 antibody (AA 157-167)**

## 3 Images

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## Overview

Quantity:	100 µg
Target:	GOT1
Binding Specificity:	AA 157-167
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This GOT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

## Product Details

Purpose:	GOT1 (aa 157-167)
Immunogen:	C-RSYRYWDAEKR
Sequence:	RSYRYWDAEK R
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

Target:	GOT1
Alternative Name:	GOT1 ( <a href="#">GOT1 Products</a> )
Background:	GOT1, glutamic-oxaloacetic transaminase 1, soluble (aspartate aminotransferase 1) , GIG18, aspartate aminotransferase 1, growth-inhibiting protein 18
Gene ID:	2805, 24401
NCBI Accession:	<a href="#">NP_002070</a>
Pathways:	<a href="#">Hepatitis C</a> , <a href="#">Monocarboxylic Acid Catabolic Process</a> , <a href="#">Methionine Biosynthetic Process</a>

## Application Details

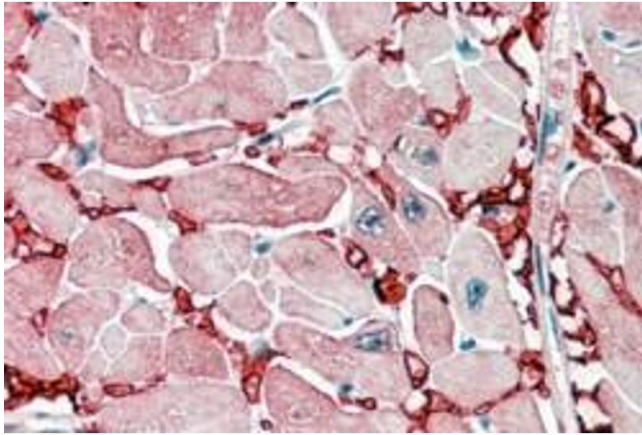
Application Notes:	<p>Immunohistochemistry: In paraffin embedded Human Heart shows strong staining of the capillary network between the myocardial fibres in transverse section. Recommended concentration: 2-3 µg/mL. Paraffin embedded Human Kidney. Recommended concentration: 5 µg/</p> <p>Western Blot: Approx 40 kDa band observed in Human Brain (Cerebellum), Liver and Skeletal Muscle lysates (calculated MW of 46.2 kDa according to NP_002070.1). The observed molecular weight corresponds to earlier findings in literature with different antib</p> <p>Peptide ELISA: antibody detection limit dilution 1:4000.</p>
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated

at 4°C for a few weeks and still remain viable.

## Images

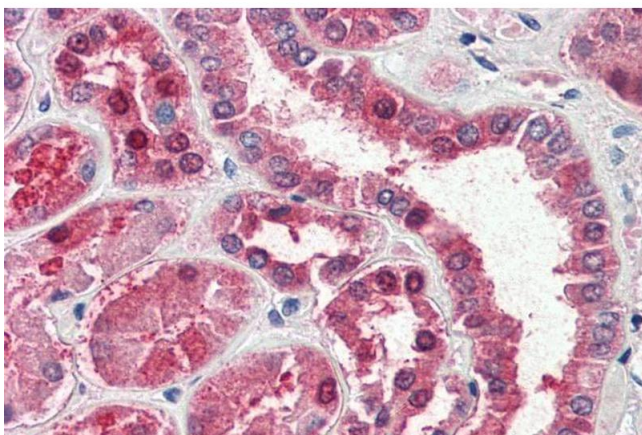


### Immunohistochemistry

**Image 1.** ABIN238623 (2.5µg/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



**Image 2.** ABIN238623 (0.01µg/ml) staining of Human Liver lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



### Immunohistochemistry

**Image 3.** ABIN238623 (5µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.