

Datasheet for ABIN238592

anti-GOT1 antibody (AA 22-35)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	GOT1
Binding Specificity:	AA 22-35
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This GOT1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	GOT1 (aa 22-35)
Immunogen:	C-TADFREDPDPRKVN
Sequence:	TADFREDPDP RKVN
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
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 (GOT1 Products)
Background:	GOT1, glutamic-oxaloacetic transaminase 1, soluble (aspartate aminotransferase 1), GIG18, aspartate aminotransferase 1, growth-inhibiting protein 18
Gene ID:	2805, 14718
NCBI Accession:	NP_002070
Pathways:	Hepatitis C , Monocarboxylic Acid Catabolic Process , Methionine Biosynthetic Process

Application Details

Application Notes:	Western Blot: Approx 40 kDa band observed in Human Liver lysates (calculated MW of 46.2 kDa according to NP_002070.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Berk et al, Proc Natl Acad Sci U S A 1991; 88: 1051-1055). Peptide ELISA: antibody detection limit dilution 1:16000.
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.



Image 1. ABIN238592 (0.5µg/ml) staining of Human Liver lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.