

Datasheet for ABIN5539796

anti-GOT1 antibody (AA 157-167) (Biotin)[Go to Product page](#)**1** Image

Overview

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

Product Details

Purpose:	GOT1 (aa 157-167), Biotinylated
Sequence:	CRSYRYWDAE KR.
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
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Target Details

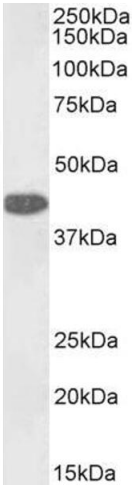
Alternative Name:	GOT1 (GOT1 Products)
Background:	GOT1, glutamic-oxaloacetic transaminase 1, AST1, ASTQTL1, GIG18, cAspAT, cCAT, aspartate aminotransferase 1, aspartate transaminase 1, cysteine aminotransferase, cytoplasmic, cysteine transaminase, cytoplasmic, glutamate oxaloacetate transaminase 1, gluta
Gene ID:	2805, 24401
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). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.1-0.3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:4000.
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.



Western Blotting

Image 1. Biotinylated ABIN5539796 (0.1µg/ml) staining of Human Liver lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.