Datasheet for ABIN650769

anti-GOT1 antibody (N-Term)

3 Images

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Overview

Quantity:	400 µL
Target:	GOT1
Binding Specificity:	AA 5-33, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GOT1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This GOT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 5-33 amino acids from the N-terminal region of human GOT1.
Clone:	RB20729
Isotype:	Ig Fraction
Predicted Reactivity:	B, Hs, Pr
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	GOT1

Target Details

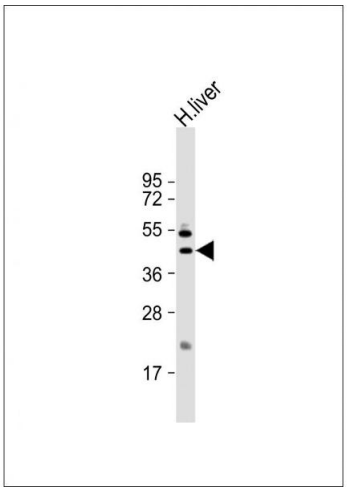
Alternative Name:	GOT1 (GOT1 Products)
Background:	Glutamic-oxaloacetic transaminase is a pyridoxal phosphate-dependent enzyme which exists in cytoplasmic and mitochondrial forms, GOT1 and GOT2, respectively. GOT plays a role in amino acid metabolism and the urea and tricarboxylic acid cycles. The two enzymes are homodimeric and show close homology.
Molecular Weight:	46248
Gene ID:	2805
NCBI Accession:	NP_002070
UniProt:	P17174
Pathways:	Hepatitis C, Monocarboxylic Acid Catabolic Process, Methionine Biosynthetic Process

Application Details

Application Notes:	WB: 1:1000. WB: 1:1000. WB: 1:1000
Restrictions:	For Research Use only

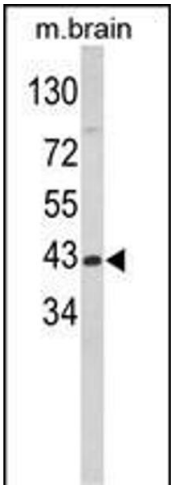
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



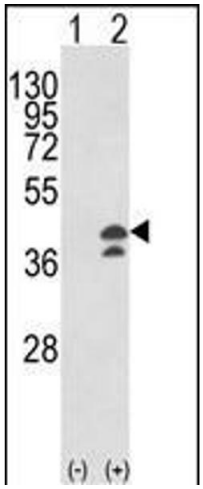
Western Blotting

Image 1. Anti-GOT1 Antibody (N-term) at 1:1000 dilution + human liver lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 46 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 2. Western blot analysis of GOT1 Antibody (N-term) (ABIN650769 and ABIN2839550) in mouse brain tissue lysates (35 µg/lane). GOT1 (arrow) was detected using the purified Pab.



Western Blotting

Image 3. Western blot analysis of GOT1 (arrow) using rabbit polyclonal GOT1 Antibody (N-term) (ABIN650769 and ABIN2839550). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected with the GOT1 gene (Lane 2).