prosci-inc.com

ProSci Incorporated
12170 Flint Place
Poway, CA 92064

Toll Free: +1 (888) 513 9525
Local: +1 (858) 513 2638
Fax: +1 (858) 513 2692

techsupport@prosci-inc.com
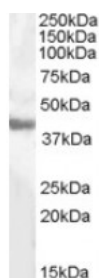
HIGH PERFORMANCE ANTIBODIES ... AND MORE

GOT1 Antibody

CATALOG NUMBER: 45-689

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

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:16000. Western Blot: Approx 40kDa band observed in Human Liver lysates (calculated MW of 46.2kDa 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
POSITIVE CONTROL:	1) Cat. No. 1304 - Human Liver Tissue Lysate
IMMUNOGEN:	GOT1 antibody was raised against a 14 amino acid synthetic peptide near the internal region of GOT1 (aa 22-35).
HOST SPECIES:	Goat

Properties

PURIFICATION:	GOT1 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	GOT1 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20˚C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	glutamic-oxaloacetic transaminase 1, soluble (aspartate aminotransferase 1), GIG18, aspartate aminotransferase 1, growth-inhibiting protein 18, GOT1, cCAT, cAspAT, ASTQTL1
ACCESSION NO.:	NP_002070.1
PROTEIN GI NO.:	4504067
OFFICIAL SYMBOL:	GOT1

GENE ID:	2805

Background

REFERENCES:	1) Teichberg VI. From the liver to the brain across the blood-brain barrier. Proc Natl Acad Sci USA. 2007 May 1;104(18):7315-6. Epub 2007 Apr 26. No

FOR RESEARCH USE ONLY

December 13, 2016