



ACOX2 Antibody

CATALOG NUMBER: 45-194



Western Blot (0.5ug/ml) staining of Human Liver lysate (35ug protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Primary incubation was 1 hour. Detected by chemiluminescence.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:4000. Western Blot: Approx 75kDa band observed in Human Liver lysates (calculated MW of 76.8kDa according to NP_003491.1). Recommended concentration: 0.5-1.5ug/ml. An additional band of 37kDa was consistently observed, however this band was not blocked by the
POSITIVE CONTROL:	1) Cat. No. 1304 - Human Liver Tissue Lysate
IMMUNOGEN:	ACOX2 antibody was raised against a 14 amino acid synthetic peptide near the internal region (near the C-Terminus) of ACOX2.
HOST SPECIES:	Goat

Properties

PURIFICATION:	ACOX2 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	ACOX2 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:	ACOX2, acyl-Coenzyme A oxidase 2, branched chain, BCOX, BRCACOX, BRCCOX, THCCox, Peroxisomal branched chain acyl-CoA oxidase, THCA-CoA oxidase, Trihydroxycoprostanoyl-CoA oxidase
ACCESSION NO.:	NP_003491.1

PROTEIN GI NO.: 4501869

OFFICIAL SYMBOL: ACOX2

GENE ID: 8309

Background

REFERENCES: 1) Baumgart E, Vanhooren JC, Fransen M, Marynen P, Puype M, Vandekerckhove J, Leunissen JA, Fahimi HD, Mannaerts GP, van Veldhoven PP. Molecular characterization of the human peroxisomal branched-chain acyl-CoA oxidase: cDNA cloning, chromosomal assignment, tissue distribution, and evidence for the absence of the protein in Zellweger syndrome. Proc Natl Acad Sci USA. 1996 Nov 26;93(24):13748-53.

FOR RESEARCH USE ONLY

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