ProSci INCORPORATED
www.prosci-inc.com

12170 Flint Place
Poway, CA 92064
Tel: 858-513-2638
Fax: 858-513-2692
Toll Free: 888-513-9525
techsupport@prosci-inc.com

ACOX2 Antibody

ACOX2, acyl-Coenzyme A oxidase 2, branched chain, BCOX, BRCACOX, BRCOX, THCCox, Peroxisomal branched chain acyl-CoA oxidase, THCA-CoA oxidase, Trihydroxycoprostanoyl-CoA oxidase

CATALOG NO.: 45-194

HOST:
Goat

CLONALITY:
Polyclonal

INFORMATION:
ACOX2 Antibody.

SOURCE:
ACOX2 antibody was raised against a synthetic peptide of ACOX2.

PROTEIN ACCESSION NUMBER(S) :
NP_003491.1

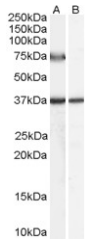
SPECIES REACTIVITY:
Human

TESTED APPLICATION:
WB, E

APPLICATION:
Peptide ELISA: antibody detection limit dilution 1:4,000. Western Blot: Approx 75kDa band observed in Human Liver lysates (calculated MW of 76.8kDa according to NP_003491.1). Recommended concentration: 0.5-1.5µg/ml. An additional band of 37kDa was consistently observed, however this band was not blocked by the immunizing peptide and it is therefore a non-specific signal. We call for caution when used for other assays than Western blot.

PURIFICATION:
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

BUFFER:
0.1mg of purified antibody in 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.



Western blot analysis of ACOX2 in Human Liver lysate (35µg protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide using ACOX2 antibody (0.5µg/ml).

STORAGE:

Aliquot and store at -20°C. Minimize freezing and thawing.

REFERENCE:

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,

USER NOTES:

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.