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Datasheet for ABIN190845

anti-Acox2 antibody (Internal Region)

1 Image

Overview

Quantity:	100 µg
Target:	Acox2
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Acox2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	ACOX2
Immunogen:	Peptide with sequence C-HQSRLRPSDPEAK, from the internal region (near the C Terminus) of the protein sequence according to NP_003491.1.
Sequence:	HQSRLRPSDP EAK
Isotype:	IgG
Specificity:	Please note this antibody was designed using the mouse sequence, which differs by 1 amino acids from the human sequence.
Cross-Reactivity:	Cow, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

Target: Acox2

Alternative Name: ACOX2 ([Acox2 Products](#))

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

Gene ID: 8309, 93732, 252898

NCBI Accession: [NP_003491](#)

Pathways: [Monocarboxylic Acid Catabolic Process](#)

Application Details

Application Notes: Western Blot: Approx 75 kDa band observed in Human Liver lysates (calculated MW of 76.8 kDa according to NP_003491.1). Recommended concentration: 0.1-0.3 µg/mL. An additional band of unknown identity was also consistently observed at 150 kDa. This band was Peptide ELISA: antibody detection limit dilution 1:32000.

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.

Images



Image 1. ABIN190845 (0.1µg/ml) staining of Human Liver lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.