


Product datasheet

Anti-ACOX2 antibody ab77251

1 Image

Overview

Product name	Anti-ACOX2 antibody
Description	Goat polyclonal to ACOX2
Tested applications	Suitable for: WB, ELISA
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Rabbit, Cow 
Immunogen	Synthetic peptide: C-HQSRLRPSDPEAK , corresponding to internal sequence amino acids 325-336 of Human ACOX2 (NP_003491.1). Run BLAST with Run BLAST with
Positive control	Human Liver lysates.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: 0.02% Sodium Azide Constituents: 0.5% BSA, Tris buffered saline, pH 7.3
Purity	Immunogen affinity purified
Purification notes	ab77251 was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab77251** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		
ELISA		

Application notes

ELISA: Use at an assay dependent dilution. Antibody detection limit dilution 1/32,000.
 WB: Use at a concentration of 0.1 - 0.3 µg/ml. Detects a band of approximately 75 kDa (predicted molecular weight: 77 kDa).
 An additional band of unknown identity was also consistently observed at 150kDa. This band was successfully blocked by incubation with the immunising peptide.

Not yet tested in other applications.
 Optimal dilutions/concentrations should be determined by the end user.

Target

Function Oxidizes the CoA esters of the bile acid intermediates di- and tri-hydroxycholestanic acids.

Tissue specificity Present in all tissues tested: heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. Most abundant in heart, liver and kidney.

Sequence similarities Belongs to the acyl-CoA oxidase family.

Cellular localization Peroxisome.

Images



Anti-ACOX2 antibody (ab77251) at 0.1 µg/ml
 + Human Liver lysate (in RIPA buffer) at 35 µg

Predicted band size : 77 kDa
Observed band size : 77 kDa
Additional bands at : 150 kDa. We are unsure as to the identity of these extra bands.

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