

Recombinant ACOX1/AOX Monoclonal Antibody

catalog number: AN300230P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

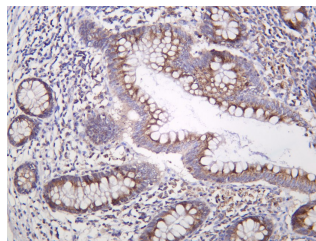
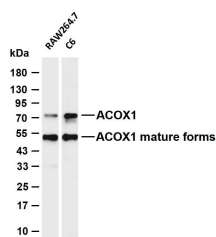
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human ACOX1 / AOX protein
Host	Rabbit
Isotype	IgG
Clone	C110154
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

Applications

Recommended Dilution

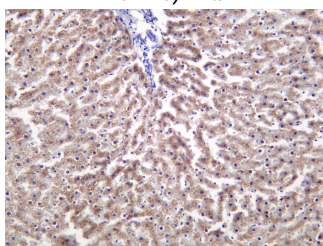
IHC	1:200-1:1000
WB	1:2000-1:10000
IF	1:200-1:1000
ELISA	1:5000-1:20000
IP	1:50-1:200

Data

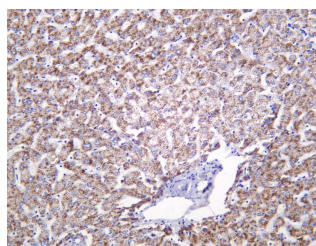


Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-ACOX1 antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: RAW264.7 Lane 2: C6 Predicted band size: 74kDa
Observed band size: 74 (ACOX1), 48 (ACOX1 mature forms)kDa

Human appendix was stained with anti-ACOX1 Rabbit antibody



Rat liver was stained with anti-ACOX1 Rabbit antibody



Human liver was stained with anti-ACOX1 Rabbit antibody

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

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Rev. V1.6

The protein encoded by this gene is the first enzyme of the fatty acid beta-oxidation pathway, which catalyzes the desaturation of acyl-CoAs to 1-trans-enoyl-CoAs. It donates electrons directly to molecular oxygen, thereby producing hydrogen peroxide. Defects in this gene result in pseudoneonatal adrenoleukodystrophy, a disease that is characterized by accumulation of very long chain fatty acids. Alternatively spliced transcript variants encoding different isoforms have been identified.