Recombinant ACOX1/AOX Monoclonal Antibody

catalog number: **AN300230P**

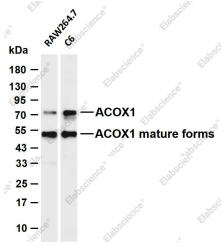
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

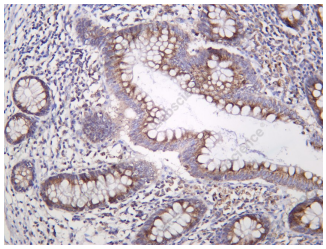
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human ACOX1 / AOX protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110154
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS

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

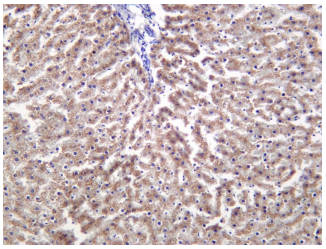
Data



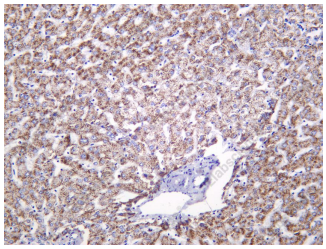
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-ACOX1 antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: RAW264.7 Lane 2: C6 Predicted band size: 74kDa Observed band size: 74 (ACOX1),48 (ACOX1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

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.

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