

Recombinant ACOX1/AOX Monoclonal Antibody

catalog number: AN300230P

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

Description

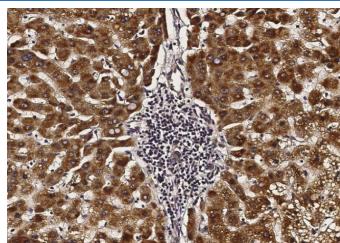
Reactivity	Human
Immunogen	Recombinant Human ACOX1 / AOX protein
Host	Rabbit
Isotype	IgG
Clone	B148
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

Applications

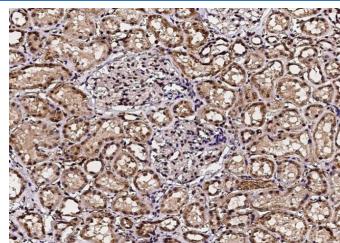
Recommended Dilution

IHC-P	1:100-1:500
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Data



Immunohistochemistry of paraffin-embedded human liver using ACOX1 / AOX Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded human kidney using ACOX1 / AOX Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated 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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