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ACOX1

Reactivity: Human Mouse Rat

Tested applications:WB IHC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:100 - 1:200

Calculated MW:74kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human ACOX1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

ACOX; SCOX; PALMCOX;

Catalog #:A8091

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:51

Isotype: IgG

Swiss Prot:Q15067

Purity: Affinity purification

For research use only.

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 2-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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