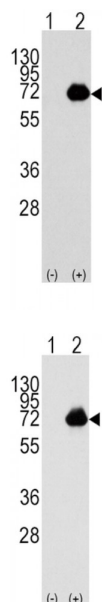


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## Acyl Coenzyme A Oxidase 1, Palmitoyl (ACOX1) Antibody

Catalogue No.: abx031616



ACOX1 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.

**Target:** ACOX1

**Reactivity:** Human

**Host:** Rabbit

**Clonality:** Polyclonal

**Tested Applications:** WB

**Recommended dilutions:** Optimal dilutions/concentrations should be determined by the end user.

**Immunogen:** Human ACOX1.

**Purification:** Purified Rabbit Polyclonal Antibody.

**Isotype:** IgG

**Conjugation:** Unconjugated

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<b>Specificity:</b>	This ACOX1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 629-659 amino acids from the C-terminal region of human ACOX1.
<b>Storage:</b>	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
<b>Swiss Prot:</b>	<a href="#"><u>Q15067</u></a>
<b>NCBI Accession:</b>	NP_001171968.1, NP_004026.2, NP_009223.2
<b>Buffer:</b>	PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
<b>Note:</b>	This product is for research use only.