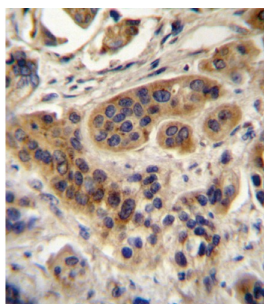


Acyl Coenzyme A Oxidase 1, Palmitoyl (ACOX1) Antibody

Catalogue No.: abx031615



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:	Acyl Coenzyme A Oxidase 1, Palmitoyl (ACOX1)
Clonality:	Polyclonal
Reactivity:	Human, Mouse
Tested Applications:	ELISA, IHC
Host:	Rabbit
Recommended dilutions:	IHC-P: 1/10 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 7-37 amino acids from the N-terminal region of human ACOX1.
Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q15067 (UniProt , ExPASy)
NCBI Accession:	NP_001171968.1, NP_004026.2, NP_009223.2

Datasheet

Version: 2.0.0

Revision date: 05 Nov 2025



KEGG: hsa:51

String: [9606.ENSP00000293217](#)

Molecular Weight: Calculated MW: 74.4 kDa

Buffer: PBS containing 0.09% sodium azide.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only