



[Go to Product page](#)

Datasheet for ABIN708491
anti-ACOX1 antibody (AA 221-320)

Overview

Quantity:	100 µL
Target:	ACOX1
Binding Specificity:	AA 221-320
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACOX1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ACOX1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Sheep,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	ACOX1
Alternative Name:	ACOX1 (ACOX1 Products)
Background:	Synonyms: ACOX1, ACOX1_HUMAN, AOX antibody Palmitoyl CoA oxidase, Palmitoyl-CoA oxidase, Peroxisomal acyl coenzyme A oxidase 1, Peroxisomal acyl-coenzyme A oxidase 1,

Target Details

SCOX, Straight chain acyl CoA oxidase, Straight-chain acyl-CoA oxidase.

Background: Defects in ACOX1 are the cause of adrenoleukodystrophy pseudoneonatal (Pseudo-NALD), also known as peroxisomal acyl-CoA oxidase deficiency. Pseudo-NALD is a peroxisomal single-enzyme disorder. Clinical features include mental retardation, leukodystrophy, seizures, mild hepatomegaly, hearing deficit. Pseudo-NALD is characterized by increased plasma levels of very-long chain fatty acids, due to decreased or absent peroxisome acyl-CoA oxidase activity. Peroxisomes are intact and functioning.

Gene ID: 51

Pathways: [Regulation of Lipid Metabolism by PPARalpha](#), [Monocarboxylic Acid Catabolic Process](#)

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months