



Datasheet for ABIN950243 anti-Acox2 antibody (N-Term)

1 Image



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Overview

Quantity:	0.4 mL
Target:	Acox2
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Acox2 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human ACOX2
Isotype:	Ig Fraction
Specificity:	This antibody reacts to ACOX2.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	Acox2
Alternative Name:	ACOX2 (Acox2 Products)

Target Details

Background:	The product of this gene belongs to the acyl-CoA oxidase family. It encodes the branched-chain acyl-CoA oxidase which is involved in the degradation of long branched fatty acids and bile acid intermediates in peroxisomes. Deficiency of this enzyme results in the accumulation of branched fatty acids and bile acid intermediates, and may lead to Zellweger syndrome, severe mental retardation, and death in children. Synonyms: 12-alpha-trihydroxy-5-beta-cholestanyl-CoA 24-hydroxylase, 12-alpha-trihydroxy-5-beta-cholestanyl-CoA oxidase, 3-alpha, 7-alpha, ACOX-2, EC=1.17.99.3, Peroxisomal acyl-coenzyme A oxidase 2, THCA-CoA oxidase, THCCox, Trihydroxycoprostanoyl-CoA oxidase
Gene ID:	8309
NCBI Accession:	NP_003491
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) sodium azide as preservative

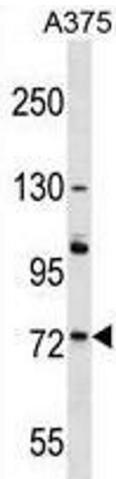
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. ACOX2 Antibody (N-term) western blot analysis in A375 cell line lysates (35 µg/lane). This demonstrates the ACOX2 antibody detected the ACOX2 protein (arrow).