

Datasheet for ABIN5647682
anti-ACOX1 antibody (AA 629-659)



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1 Image

Overview

Quantity:	0.08 mL
Target:	ACOX1
Binding Specificity:	AA 629-659
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 629-659 from the human protein was used as the immunogen for this ACOX1 antibody.
Isotype:	Ig Fraction
Purification:	Purified

Target Details

Target:	ACOX1
Alternative Name:	ACOX1 / Peroxisomal acyl-coenzyme A oxidase 1 (ACOX1 Products)
Background:	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

Target Details

	acids.
UniProt:	Q15067
Pathways:	Regulation of Lipid Metabolism by PPARalpha, Monocarboxylic Acid Catabolic Process

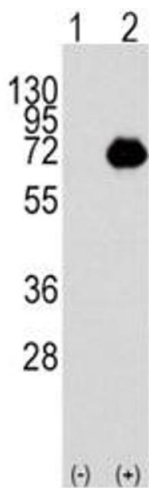
Application Details

Application Notes:	Western blot: 1:1000
Restrictions:	For Research Use only

Handling

Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the ACOX1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of ACOX1 antibody and 293 cell lysate either nontransfected (Lane 1) or transiently transfected with the ACOX1 gene (2). Predicted molecular weight ~74 kDa.