

Datasheet for ABIN7128170

anti-ACOX1 antibody**3** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	ACOX1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACOX1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Fusion protein of Human ACOX1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antigen affinity purification

Target Details

Target:	ACOX1
Alternative Name:	ACOX1 (ACOX1 Products)
Background:	Background: The protein encoded by this gene 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

Target Details

accumulation of very long chain fatty acids. Alternatively spliced transcript variants encoding different isoforms have been identified.

Aliases: ACOX antibody, ACOX1 antibody, ACOX1_HUMAN antibody, Acyl CoA oxidase 1 palmitoyl antibody, Acyl CoA oxidase straight chain antibody, AOX antibody, EC 1.3.3.6 antibody, PALMCOX antibody, Palmitoyl CoA oxidase antibody, Palmitoyl-CoA oxidase antibody, Peroxisomal acyl coenzyme A oxidase 1 antibody, Peroxisomal acyl-coenzyme A oxidase 1 antibody, Peroxisomal fatty acyl CoA oxidase antibody, SCOX antibody, Straight chain acyl CoA oxidase antibody, Straight-chain acyl-CoA oxidase antibody

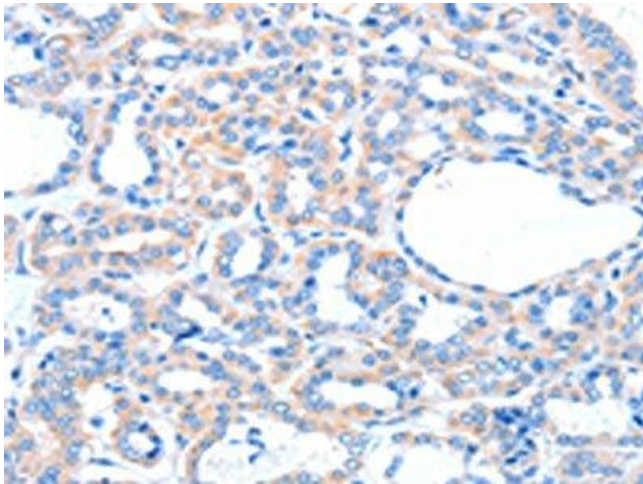
UniProt:	Q15067
Pathways:	Regulation of Lipid Metabolism by PPARalpha , Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	ELISA:1:1000-1:2000, WB:1:200-1:1000, IHC:1:15-1:50,
Restrictions:	For Research Use only

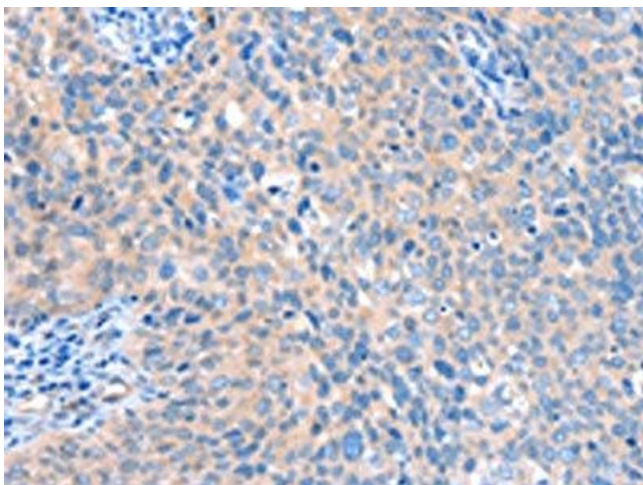
Handling

Format:	Liquid
Buffer:	-20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol
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,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



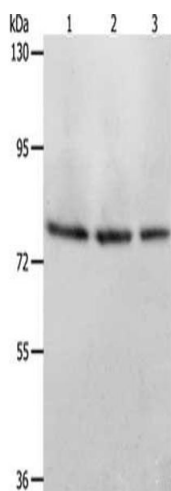
Immunohistochemistry

Image 1. The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ABIN7128170(ACOX1 Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification: x200)



Immunohistochemistry

Image 2. The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ABIN7128170(ACOX1 Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification: x200)



Western Blotting

Image 3. Gel: 8 % SDS-PAGE, Lysate: 40 µg, Lane 1-3: Mouse stomach tissue, Mouse liver tissue, Mouse kidney tissue, Primary antibody: ABIN7128170(ACOX1 Antibody) at dilution 1/350, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 minute