

Datasheet for ABIN7149378
anti-ACOT7 antibody (AA 151-380)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	ACOT7
Binding Specificity:	AA 151-380
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACOT7 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Cytosolic acyl coenzyme A thioester hydrolase protein (151-380AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	ACOT7
Alternative Name:	ACOT7 (ACOT7 Products)
Background:	Background: Acyl-CoA thioesterases are a group of enzymes that catalyze the hydrolysis of acyl-CoAs to the free fatty acid and coenzyme A (CoASH), providing the potential to regulate

Target Details

intracellular levels of acyl-CoAs, free fatty acids and CoASH. May play an important physiological function in brain. May play a regulatory role by modulating the cellular levels of fatty acyl-CoA ligands for certain transcription factors as well as the substrates for fatty acid metabolizing enzymes, contributing to lipid homeostasis. Has broad specificity, active towards fatty acyl-CoAs with chain-lengths of C8-C18. Has a maximal activity toward palmitoyl-CoA.

Aliases: ACH1 antibody, ACOT 7 antibody, ACOT7 antibody, ACT antibody, Acyl CoA thioesterase 7 antibody, Acyl CoA thioesterase long chain antibody, Acyl-CoA thioesterase 7 antibody, BACH antibody, BACH_HUMAN antibody, Brain acyl CoA hydrolase antibody, Brain acyl-CoA hydrolase antibody, CTE-II antibody, CTE-IIa antibody, Cytosolic acyl coenzyme A thioester hydrolase antibody, hBACH antibody, LACH antibody, LACH1 antibody, Long chain acyl-CoA thioester hydrolase antibody

UniProt: [O00154](#)

Pathways: [Monocarboxylic Acid Catabolic Process](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

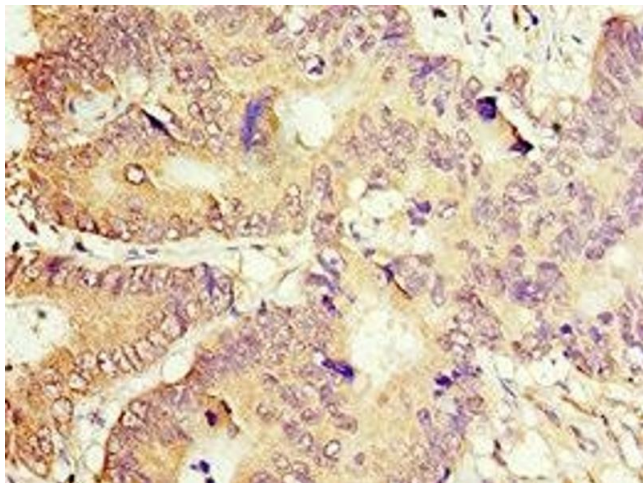
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

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. Immunohistochemistry of paraffin-embedded human colon cancer using ABIN7149378 at dilution of 1:100