

Datasheet for ABIN389099

anti-ACOX1 antibody (N-Term)[Go to Product page](#)

1 Image

1 Publication

Overview

Quantity:	400 µL
Target:	ACOX1
Binding Specificity:	AA 7-37, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACOX1 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This ACOX1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 7-37 amino acids from the N-terminal region of human ACOX1.
Clone:	RB04649
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	ACOX1
Alternative Name:	ACOX1 (ACOX1 Products)

Target Details

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 acids.
Molecular Weight:	74424
Gene ID:	51
NCBI Accession:	NP_001171968 , NP_004026 , NP_009223
UniProt:	Q15067
Pathways:	Regulation of Lipid Metabolism by PPARalpha , Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	IHC-P: 1:10~50
Restrictions:	For Research Use only

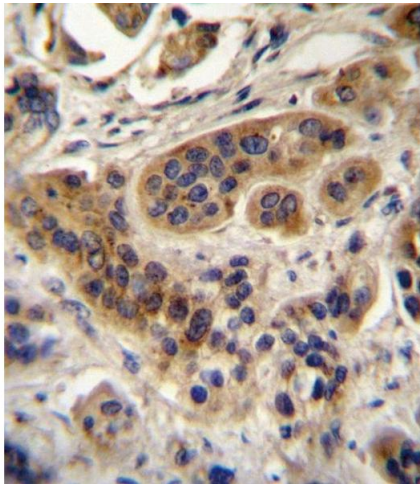
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

Publications

Product cited in:	Sharma, Åkerström, Sharma, Chow, Teow, Abrenica, Booth, Booth, Mirazimi, Lal: "SARS-CoV 9b protein diffuses into nucleus, undergoes active Crm1 mediated nucleocytoplasmic export and triggers apoptosis when retained in the nucleus." in: PLoS ONE , Vol. 6, Issue 5, pp. e19436, (
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2011) ([PubMed](#)).



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. ACOX1 Antibody (N-term) A immunohistochemistry analysis in formalin fixed and paraffin embedded human bladder carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of ACOX1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.