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Datasheet for ABIN7265422  
**anti-ACOX3 antibody (AA 10-100)**

2 Images

Overview

Quantity:	100 µL
Target:	ACOX3
Binding Specificity:	AA 10-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACOX3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	ACOX3 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 10-100 of human ACOX3 (NP_001095137).
Sequence:	TALLPEFPRG PLDAYRARAS FSWKELALFT EGEGLRFKK TIFSALENDP LFARSPGADL SLEKYRELNFLRCKRIFEYD FLSVEDMFKS P
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

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Target:	ACOX3
Alternative Name:	ACOX3 ( <a href="#">ACOX3 Products</a> )
Background:	Acyl-Coenzyme A oxidase 3 also know as pristanoyl -CoA oxidase (ACOX3)is involved in the desaturation of 2-methyl branched fatty acids in peroxisomes. Unlike the rat homolog, the human gene is expressed in very low amounts in liver such that its mRNA was undetectable by routine Northern-blot analysis or its product by immunoblotting or by enzyme activity measurements. However the human cDNA encoding a 700 amino acid protein with a peroxisomal targeting C-terminal tripeptide S-K-L was isolated and is thought to be expressed under special conditions such as specific developmental stages or in a tissue specific manner in tissues that have not yet been examined.,ACOX3,Cancer,Signal Transduction,Endocrine & Metabolism,Lipid Metabolism,Cardiovascular,Lipids,Fatty Acids,ACOX3
Gene ID:	8310
UniProt:	<a href="#">O15254</a>
Pathways:	<a href="#">Monocarboxylic Acid Catabolic Process</a>

## Application Details

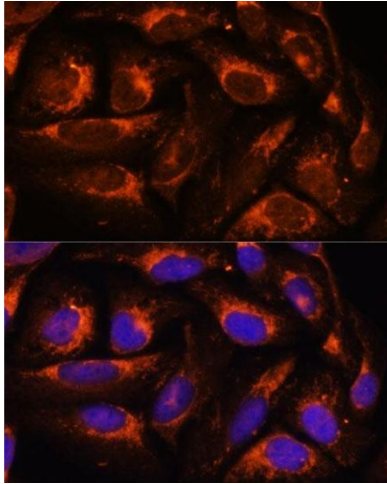
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Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

## Handling

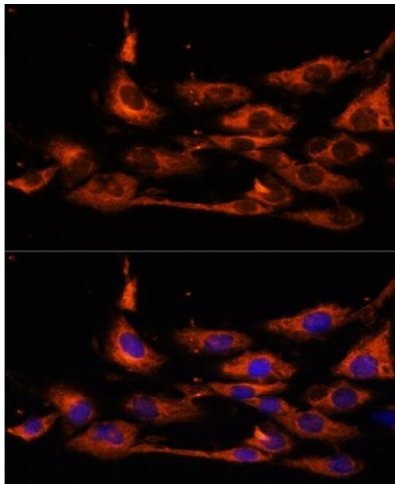
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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



#### Immunofluorescence

**Image 1.** Immunofluorescence analysis of U-2 OS cells using antibody (ABIN7265422) at dilution of 1:100. Blue: DAPI for nuclear staining.



#### Immunofluorescence

**Image 2.** Immunofluorescence analysis of C6 cells using antibody (ABIN7265422) at dilution of 1:100. Blue: DAPI for nuclear staining.