# antibodies -online.com







**Images** 

anti-ACOX1 antibody



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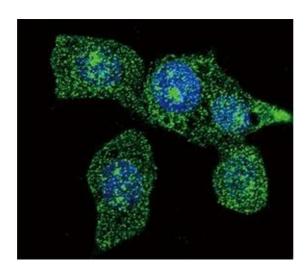
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Overview		
Quantity:	0.4 mL	
Target:	ACOX1	
Reactivity:	Human	
Host:	Mouse	
Clonality:	Monoclonal	
Conjugate:	This ACOX1 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)	
Product Details		
lmmunogen:	This ACOX1 antibody was produced from a mouse immunized with ACOX1 recombinant protein.	
Clone:	153CT43-1-1	
Isotype:	lgG1	
Purification:	Purified	
Target Details		
Target:	ACOX1	
Alternative Name:	ACOX1 (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	

### **Target Details**

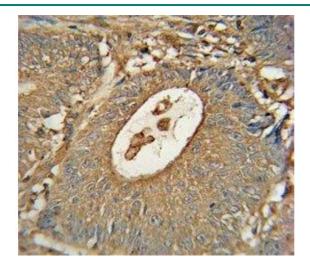
larget Details	
	adrenoleukodystrophy, a disease that is characterized by accumulation of very long chain fatty acids.
UniProt:	Q15067
Pathways:	Regulation of Lipid Metabolism by PPARalpha, Monocarboxylic Acid Catabolic Process
Application Details	
Application Notes:	Titration of the ACOX1 antibody may be required due to differences in protocols and
	secondary/substrate sensitivity.\. Western blot: 1:100-1:500,IHC (Paraffin): 1:10-
	1:50,Immunofluorescence: 1:10-1:50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
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**



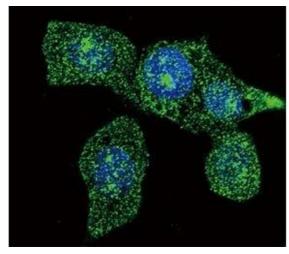
## Immunofluorescence

**Image 1.** Confocal immunofluorescent analysis of ACOX1 antibody with HeLa cells followed by Alexa Fluor 488-conjugated goat anti-mouse IgG (green). DAPI was used as a nuclear counterstain (blue).



# **Immunohistochemistry**

**Image 2.** ACOX1 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human colon carcinoma



### **Immunofluorescence**

**Image 3.** Confocal immunofluorescent analysis of ACOX1 antibody with HeLa cells followed by Alexa Fluor 488-conjugated goat anti-mouse IgG (green). DAPI was used as a nuclear counterstain (blue).

Please check the product details page for more images. Overall 5 images are available for ABIN3029856.