

# ACOX3 Polyclonal Antibody

Catalog Number: E-AB-91682



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

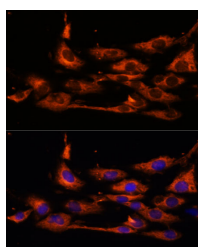
## Description

<b>Reactivity</b>	Human, Mouse, Rat
<b>Immunogen</b>	Recombinant fusion protein of human ACOX3
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.

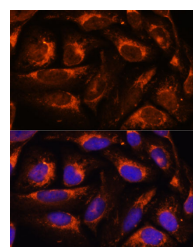
## Applications Recommended Dilution

<b>IF</b>	1:50-1:200
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## Data



Immunofluorescence analysis of C6 cells using ACOX3 Polyclonal Antibody at dilution of 1:100.  
Blue: DAPI for nuclear staining.  
**Observed Mw: Refer to figures**



Immunofluorescence analysis of U2OS cells using ACOX3 Polyclonal Antibody at dilution of 1:100.  
Blue: DAPI for nuclear staining.

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze/thaw cycles.

## Background

Acyl-Coenzyme A oxidase 3 also known 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.

## For Research Use Only

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