

## ACOX3 Rabbit pAb

CatalogNo: YN0401

Orthogonal Validated 

### Key Features

**Host Species**

- Rabbit

**Reactivity**

- Human, Mouse, Rat, Bovine

**Applications**

- WB, ELISA

**MW**

- 77kD (Observed)

**Isotype**

- IgG

### Recommended Dilution Ratios

**WB 1:500-2000****ELISA 1:5000-20000**

### Storage

**Storage\***

-15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

**Clonality**

Polyclonal

### Immunogen Information

**Immunogen**

Synthesized peptide derived from human protein . at AA range: 480-560

**Specificity**

ACOX3 Polyclonal Antibody detects endogenous levels of protein.

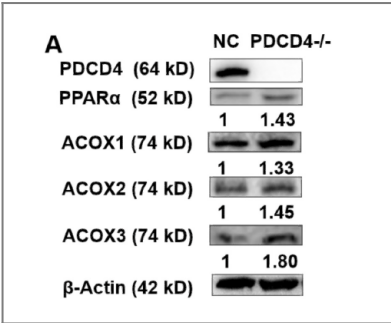
### Target Information

**Gene name**

ACOX3 BRCOX PRCOX

<b>Protein Name</b>	Peroxisomal acyl-coenzyme A oxidase 3 (Branched-chain acyl-CoA oxidase) (BRCA Cox) (Pristanoyl-CoA oxidase)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">8310;</a>	<a href="#">O15254;</a>
	Mouse		<a href="#">Q9EPL9;</a>
	Rat		<a href="#">Q63448;</a>
<b>Cellular Localization</b>	Peroxisome .		
<b>Tissue specificity</b>	Liver,Uterus,		
<b>Function</b>	Catalytic activity:Acyl-CoA + O(2) = trans-2,3-dehydroacyl-CoA + H(2)O(2).,cofactor:FAD.,Function:Oxidizes the CoA-esters of 2-methyl-branched fatty acids.,pathway:Lipid metabolism; peroxisomal fatty acid beta-oxidation.,similarity:Belongs to the acyl-CoA oxidase family.,		

| Validation Data



Pdcd4 promotes lipid deposition by attenuating PPARα-mediated fatty acid oxidation in hepatocytes Mol Cell Endocrinol. 2022 Apr;545:111562. WB Rat 1:1000 liver

| Contact information

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**ACOX3 Rabbit pAb**