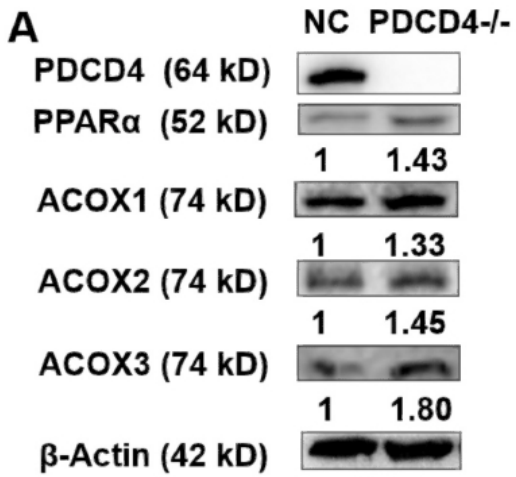
ACOX3 Polyclonal Antibody

Catalog No	YP-Ab-05275
Isotype	IgG
Reactivity	Human;Rat;Mouse;;Bovine
Applications	WB;ELISA
Gene Name	ACOX3 BRCOX PRCOX
Protein Name	Peroxisomal acyl-coenzyme A oxidase 3 (EC 1.3.3.6) (Branched-chain acyl-CoA oxidase) (BRCACox) (Pristanoyl-CoA oxidase)
Immunogen	Synthesized peptide derived from human protein . at AA range: 480-560
Specificity	ACOX3 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	77kD
Cell Pathway	Peroxisome .
Tissue Specificity	Liver,Uterus,
Function	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.,
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. [provided by RefSeq, Jul 2008],

matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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