

# **ACOX3 Antibody (Center) Blocking Peptide**

Synthetic peptide Catalog # BP9949c

### **Specification**

## **ACOX3 Antibody (Center) Blocking Peptide - Product Information**

**Primary Accession** 

015254

## ACOX3 Antibody (Center) Blocking Peptide - Additional Information

**Gene ID 8310** 

#### **Other Names**

Peroxisomal acyl-coenzyme A oxidase 3, Branched-chain acyl-CoA oxidase, BRCACox, Pristanoyl-CoA oxidase, ACOX3, BRCOX, PRCOX

#### **Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

### **Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

## **Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

### ACOX3 Antibody (Center) Blocking Peptide - Protein Information

Name ACOX3

Synonyms BRCOX, PRCOX

#### **Function**

Oxidizes the CoA-esters of 2-methyl-branched fatty acids.

#### **Cellular Location**

Peroxisome.

### **ACOX3 Antibody (Center) Blocking Peptide - Protocols**

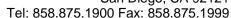
Provided below are standard protocols that you may find useful for product applications.

#### • Blocking Peptides

**ACOX3 Antibody (Center) Blocking Peptide - Images** 

### ACOX3 Antibody (Center) Blocking Peptide - 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 Antibody (Center) Blocking Peptide - References

Zha, S., et al. Prostate 63(4):316-323(2005)Colland, F., et al. Genome Res. 14(7):1324-1332(2004)