

DNAxPAb

Hard-to-Find  
Antibody

# ACOX3 DNAxPab

Catalog # H00008310-W01P

Size 200 ug

## Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ACOX3 DNA using DNAx™ Immune technology.
Technology	<a href="#">DNAx™ Immune</a>
Immunogen	Full-length human DNA
Sequence	MASTVEGGDTALLPEFPRGPLDAYRARASFWSKELALFTEGEGMLRFKKTIFSALENDPLFARSP GADLSLEKYRELNFLRCKRIFEYDFLSVEDMFKSPLKVPALIQCLGMYDSSLAAYLLHSLVFGSA VYSSGSEHLYTIQKIFRMEIFGCFALTLSHGNTKAIRTTAHDYDPATEEFIIHSPDFEAAKFWVGN MGKTATHAVVFAKLCVPGDQCHGLHPFVQIRDPKTLMPGVMVGDIGKKLGQNGLDNGFAMF HKVRVPRQSLLNRMGDVTPGTYVSPFKDVRQRFASLGSLSGSRVSVSLAILNLKLAVALRF SATRRQFGPTEEEEIPVLEYPMQQWRLLPYLAAYALDHFSSLSFLDLVELQRGLASGDRSARQA ELGREIHALASASKPLASWTTQQGIQECREACGGHGYLAMNRLGVLRDDNDPNCTYEGDNNILLQ QTSNYLLGLLAHQVHDGACFRSPLKSVDFLDAYPGILDQKFEVSSVADCLDSAVALAAAYKWLVC YLLRETYQKLNQEKRSRSSDFEARNKCQVSHGRPLALAFVELTVVQRFHEHVHQPSVPPSLRAV LGRLSALYALWLSRHAALLYRAERRCSCPGRDRSS
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

## Gene Info — ACOX3

Entrez GeneID [8310](#)

GeneBank Accession# [BC017053.1](#)

Protein Accession# [AAH17053.1](#)

Gene Name ACOX3

Gene Alias -

Gene Description acyl-Coenzyme A oxidase 3, pristanoyl

Omim ID [603402](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** Acyl-Coenzyme A oxidase 3 also know as pristanoyl -CoA oxidase (ACOX3)is involved in the de saturation 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]

Other Designations -

## Pathway

- [alpha-Linolenic acid metabolism](#)
- [Biosynthesis of plant hormones](#)
- [Biosynthesis of unsaturated fatty acids](#)

- [Fatty acid metabolism](#)
- [Metabolic pathways](#)
- [PPAR signaling pathway](#)

## Disease

- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)