ACOX3 rabbit monoclonal antibody

Catalog # H00008310-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ACOX3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ACOX3 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human ACOX3 peptide by ELISA and mammalian transfected lysate by W estern Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — ACOX3

Entrez GeneID	8310
GeneBank Accession#	ACOX3
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 ge ne is expressed in very low amounts in liver such that its mRNA was undetectable by routine North ern-blot analysis or its product by immunoblotting or by enzyme activity measurements. However t he human cDNA encoding a 700 amino acid protein with a peroxisomal targeting C-terminal tripe ptide S-K-L was isolated and is thought to be expressed under special conditions such as specifi c 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