

## Product datasheet for **TA308019**

### ACOX3 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 408 and 603 of ACOX3
Formulation:	0.1M Tris, 0.1M Glycine, 20% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	70 kDa
Gene Name:	acyl-CoA oxidase 3, pristanoyl
Database Link:	<a href="#">NP_001095137</a> <a href="#">Entrez Gene 8310 Human</a> <a href="#">Q15254</a>

**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]

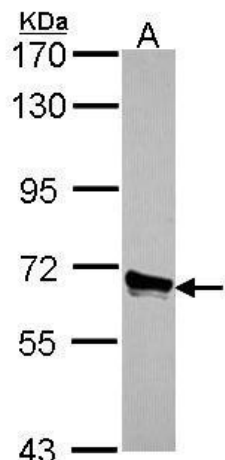


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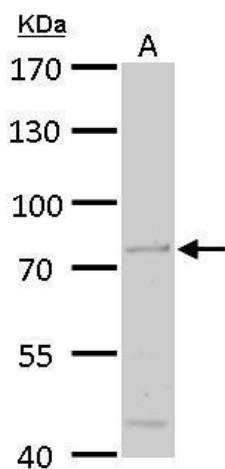
**Synonyms:** acyl-Coenzyme A oxidase 3; pristanoyl

**Protein Pathways:** alpha-Linolenic acid metabolism, Biosynthesis of unsaturated fatty acids, Fatty acid metabolism, Metabolic pathways, PPAR signaling pathway

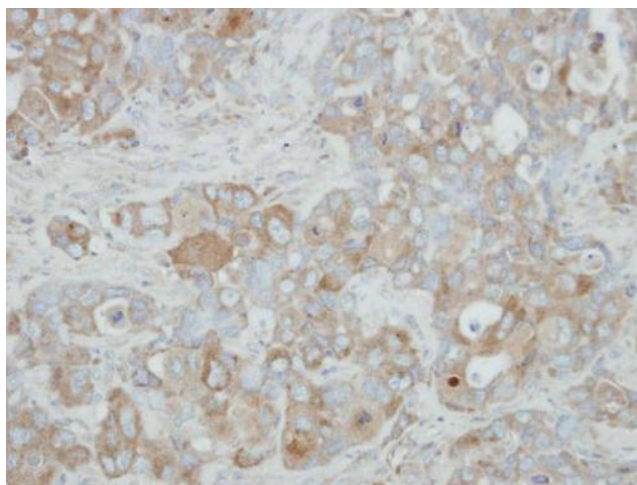
**Product images:**



Sample (30 ug of whole cell lysate). A: A549. 7.5% SDS PAGE. TA308019 diluted at 1:1000.



ACOX3 antibody detects ACOX3 protein by Western blot analysis. A. 50 ug mouse liver lysate/extract. 7.5 % SDS-PAGE. ACOX3 antibody (TA308019) dilution: 1:500



Immunohistochemical analysis of paraffin-embedded H441 xenograft, using ACOX3 (TA308019) antibody at 1:500 dilution.