

Product datasheet for **TA343059**

ACOX3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-ACOX3 antibody: synthetic peptide directed towards the C terminal of human ACOX3. Synthetic peptide located within the following region: SWTTQQGIQECREACGGHGYLAMNRLGVLRDDNDPNCTYEGDNNILLQQT
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	77 kDa
Gene Name:	acyl-CoA oxidase 3, pristanoyl
Database Link:	NP_003492 Entrez Gene 80911 Mouse Entrez Gene 8310 Human O15254
Background:	Acyl-Coenzyme A oxidase 3 also known 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.



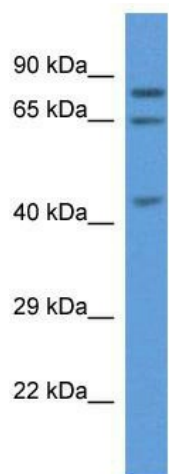
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Synonyms: acyl-Coenzyme A oxidase 3; pristanoyl

Note: Immunogen Sequence Homology: Pig: 100%; Horse: 100%; Human: 100%; Bovine: 100%; Dog: 93%; Rat: 93%; Mouse: 93%; Zebrafish: 93%; Guinea pig: 86%

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

Product images:



WB Suggested Anti-ACOX3 Antibody; Titration: 1.0 ug/ml; Positive Control: 721_B Whole Cell ACOX3 is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells