

Datasheet for ABIN2788581
anti-ACOX3 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	ACOX3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Cow, Guinea Pig, Horse, Pig, Dog, Rat, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACOX3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human ACOX3
Sequence:	SWTTQQGIQE CREACGGHGY LAMNRLGVLR DDNDPNCTYE GDNILLQQT
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 100%, Rat: 93%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against ACOX3. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	ACOX3
Alternative Name:	ACOX3 (ACOX3 Products)

Target Details

Background:	<p>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.</p> <p>Alias Symbols: -</p> <p>Protein Interaction Partner: SMURF2, PEX5, UBC,</p> <p>Protein Size: 700</p>
Molecular Weight:	77 kDa
Gene ID:	8310
NCBI Accession:	NM_003501 , NP_003492
UniProt:	O15254
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 700 AA
Restrictions:	For Research Use only

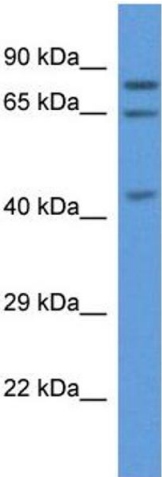
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

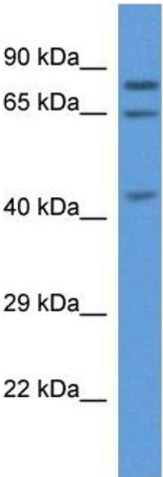
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-ACOX3 Antibody Titration: 1.0 µg/mL
Positive Control: 721_B Whole Cell
ACOX3 is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells



Rabbit Anti-ACOX3 Antibody
Catalog Number: ARP60790
Lot Number: QC31705
Lane: 721_B Cell Lysate

Antibody Titration: 1.0 µg/ml
Gel Concentration: 12%

Western Blotting

Image 2.