SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-ACOX2/AF647 Conjugated antibody

Catalog Number: SL5030R-AF647

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-ACOX2/AF647
Immunogen:	KLH conjugated synthetic peptide derived from human ACOX2
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse,Rat(predicted:Human,Cow)
Background:	background: The product of this gene belongs to the acyl-CoA oxidase family. It encodes the branched-chain acyl-CoA oxidase which is involved in the degradation of long branched fatty acids and bile acid intermediates in peroxisomes. Deficiency of this enzyme results in the accumulation of branched fatty acids and bile acid intermediates, and may lead to Zellweger syndrome, severe mental retardation, and death in children. [provided by RefSeq, Mar 2009] **Function:** Oxidizes the CoA esters of the bile acid intermediates di- and tri-hydroxycholestanoic acids. **Subunit:** Heterodimer **Subcellular Location:** Peroxisome. **Tissue Specificity:** Present in all tissues tested: heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. Most abundant in heart, liver and kidney. **Similarity:** Belongs to the acyl-CoA oxidase family

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Database links: **Entrez Gene:** 8309 Human **Entrez Gene:** 514969 Cow **Entrez Gene:** 93732 Mouse **Entrez Gene:** 252898 Rat Omim: 601641 Human **SwissProt:** Q99424 Human **SwissProt:** Q9QXD1 Mouse **SwissProt:** O02767 Rabbit **SwissProt:** P97562 Rat **Unigene:** 444959 Human **Unigene:** 28700 Mouse **Unigene:** 10622 Rat Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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