

Rabbit anti-Human ACOX1 Polyclonal Antibody | anti-ACOX1 antibody

ACOX1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232858	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

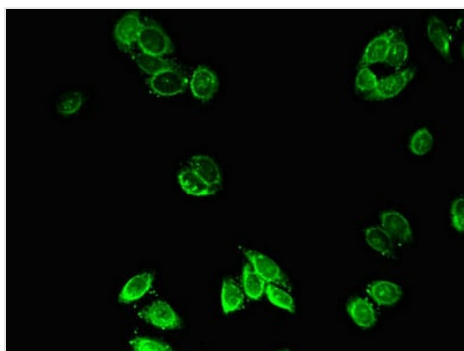
PRODUCT SYNONYMS

ACOX1; Polyclonal Antibody; ACOX1 Antibody; Peroxisomal acyl-coenzyme A oxidase 1; Palmitoyl-CoA oxidase; Straight-chain acyl-CoA oxidase; SCOX; ACOX; anti-ACOX1 antibody

PRODUCT SPECIFICATIONS

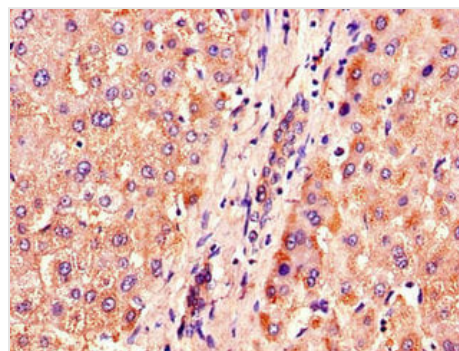
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	622
Applicable Applications for anti-ACOX1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant human Peroxisomal acyl-coenzyme A oxidase 1 protein (113-273AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-107375 / sc-107376 / sc-98499 / sc-130678
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



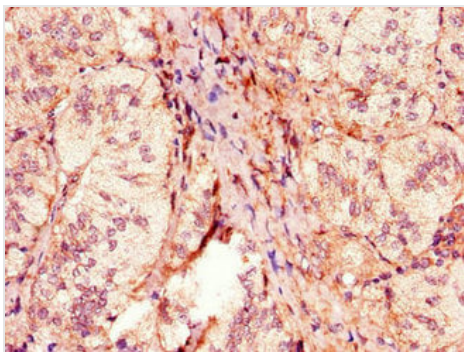
IHC (Immunohistochemistry)

Immunofluorescent analysis of HepG2 cells using AAA232858 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver tissue using AAA232858 at dilution of 1:100



IHC (Immunohistochemistry)
 Immunohistochemistry of paraffin-embedded human adrenal gland tissue using AAA232858 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-ACOX1 antibody	Catalyzes the desaturation of acyl-CoAs to 2-trans-enoyl-CoAs. Isoform 1 shows highest activity against medium-chain fatty acyl-CoAs and activity decreases with increasing chain length. Isoform 2 is active against a much broader range of substrates and shows activity towards very long-chain acyl-CoAs. Isoform 2 is twice as active as isoform 1 against 16-hydroxy-palmitoyl-CoA and is 25% more active against 1, 16-hexadecanodioyl-CoA.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	297206874
NCBI GeneID	51
NCBI Accession #	NP_001171968.1
NCBI GenBank Nucleotide #	NM_001185039.1
UniProt Accession #	Q15067; Q12863; Q15068; Q15101; Q16131; Q7Z3W5; Q9UD31; A8K6X8; A8KAA0; B4DK61; F5GYQ8
Molecular Weight	70,136 Da
NCBI Official Full Name	peroxisomal acyl-coenzyme A oxidase 1 isoform c
NCBI Official Synonym Full Names	acyl-CoA oxidase 1
NCBI Official Symbol	ACOX1
NCBI Official Synonym Symbols	ACOX; SCOX; PALMCOX
NCBI Protein Information	peroxisomal acyl-coenzyme A oxidase 1
UniProt Protein Name	Peroxisomal acyl-coenzyme A oxidase 1
UniProt Gene Name	ACOX1
UniProt Synonym Gene Names	ACOX; AOX; SCOX
UniProt Entry Name	ACOX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.