

ACOX1 Monoclonal Antibody | anti-ACOX1 antibody

ACOX1 Rabbit mAb

CATALOG # AAA314300	HOST Recombinant Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

ACOX1; Monoclonal Antibody; ACOX1 Rabbit mAb; AOX; Acox; Paox; D130055E20Rik; anti-ACOX1 antibody

PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	S08-2E5
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-ACOX1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of mouse ACOX1
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of ACOX1 (green) in hela using ACOX1 Rabbit mAb at dilution 1/50, and DAPI(blue)



WB (Western Blot)

Western blot detection of ACOX1/AOX in Raw264.7, Mouse Liver cell lysates using ACOX1/AOX Rabbit mAb(1:500 diluted). Predicted band size: 74kDa. Observed band size: 74, 48kDa.

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.
Product Categories/Family for anti-ACOX1 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	429484484
NCBI GeneID	11430
NCBI Accession #	NP_001258827.1
NCBI GenBank Nucleotide #	NM_001271898.1
UniProt Accession #	Q9R0H0; O35616; Q3TDG0; Q8BYC3; A2A850
Molecular Weight	74,649 Da
NCBI Official Full Name	peroxisomal acyl-coenzyme A oxidase 1 isoform 2
NCBI Official Synonym Full Names	acyl-Coenzyme A oxidase 1, palmitoyl
NCBI Official Symbol	Acox1
NCBI Official Synonym Symbols	AOX; Acox; Paox; D130055E20Rik
NCBI Protein Information	peroxisomal acyl-coenzyme A oxidase 1; palmitoyl-CoA oxidase; peroxisomal fatty acyl-coenzyme A oxidase; peroxisomal straight-chain Acyl-CoA oxidase
UniProt Protein Name	Peroxisomal acyl-coenzyme A oxidase 1
UniProt Gene Name	Acox1
UniProt Synonym Gene Names	Acox; Paox; AOX
UniProt Entry Name	ACOX1_MOUSE

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/acox1-antibody-clone-s08-2e5-immunofluorescence-western-blot-elisa/314300>