

Mouse anti-Human ACOX1 Monoclonal Antibody | anti-ACOX1 antibody

Anti-ACOX1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA266078	Mouse	Human	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ACOX1; Monoclonal Antibody; Anti-ACOX1 Antibody; anti-ACOX1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1
Specificity	Recognizes endogenous levels of ACOX1 protein.
Purity/Purification	This antibody is purified through a protein G column.
Form/Format	Mouse IgG1. Liquid in PBS, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-ACOX1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human ACOX1. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



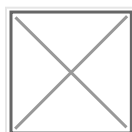
IF (Immunofluorescence)

Immunofluorescent analysis of ACOX1 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of ACOX1 staining in human colon carcinoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of ACOX1 expression in K562 (A) whole cell lysates. (Predicted band size: 74 kD; Observed band size: 74 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-ACOX1 antibody	Mouse monoclonal antibody to ACOX1
Product Categories/Family for anti-ACOX1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	30089972
NCBI GeneID	51
NCBI Accession #	NP_004026.2
NCBI GenBank Nucleotide #	NM_004035.6
UniProt Accession #	Q15067 ; Q12863 ; Q15068 ; Q15101 ; Q16131 ; Q7Z3W5 ; Q9UD31 ; A8K6X8 ; A8KAA0 ; B4DK61 ; F5GYQ8
Molecular Weight	74,668 Da
NCBI Official Full Name	peroxisomal acyl-coenzyme A oxidase 1 isoform a
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	AOX1 PublicationManual assertion based on opinion iniRef.4; SCOX

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/acob1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/266078>