# Rabbit Acyl Coenzyme A Oxidase 1 Polyclonal Antibody | anti-ACOX1 antibody

Polyclonal Antibody to Acyl Coenzyme A Oxidase 1, Palmitoyl (ACOX1)

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA145862** | **Rabbit** | **Human, Mouse, Rat** | **ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot** |

## PRODUCT SYNONYMS

Acyl Coenzyme A Oxidase 1; Polyclonal Antibody; Polyclonal Antibody to Acyl Coenzyme A Oxidase 1; Palmitoyl (ACOX1); ACOX; PALMCOX; SCOX; Peroxisomal Acyl-Coenzyme A Oxidase 1; Straight-chain acyl-CoA oxidase; anti-ACOX1 antibody

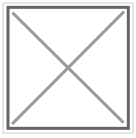
## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse, Rat |
| **Clonality** | Polyclonal |
| **Specificity** | The antibody is a rabbit polyclonal antibody raised against ACOX1. It has been selected for its ability to recognize ACOX1 in immunohistochemical staining and western blotting. |
| **Purity/Purification** | Affinity Chromatography |
| **Form/Format** | Supplied as solution form in PBS, pH7.4, Containing 0.02% NaN3, 50% glycerol. |
| **Concentration** | 0.27mg/ml (varies by lot) |
| **Sequence Length** | 689 |
| **Applicable Applications for anti-ACOX1 antibody** | ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot) |
| **Fragment** | ACOX1 (Arg210~Asn409) |
| **Conjugate** | No Conjugate |
| **Cross Reactivity** | Human, Mouse |
| **Immunoglobulin Type** | IgG |
| **Quality Control** | Content: The quality control contains recombinant ACOX1 (Arg210~Asn409) disposed in loading buffer.<br>Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.<br>5uL per well when used in enhanced chemilumescent (ECL).<br>Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.<br>Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN3 0.02%. |
| **Conjugated Antibody** | The APC conjugated antibody version of this item is also available as |
| **Preparation and Storage** | Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |

## IMAGES

**IHC (Immunohistochemisry)**
DAB staining on fromalin fixed paraffin- embedded kidney tissue

**WB (Western Blot)**
Western Blot: Sample: Recombinant protein.



**WB (Western Blot)**
Western Blot: Sample: Mouse Liver lysate; Primary Ab: 2ug/ml Rabbit Anti-Human ACOX1 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

## 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** | 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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/acyl-coenzyme-a-oxidase-1-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/145862