

## Anti-ACOX2 antibody

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| <b>Description</b>        | Unconjugated Rabbit polyclonal to ACOX2                                                                                                                                                                                                  |
| <b>Model</b>              | STJ190504                                                                                                                                                                                                                                |
| <b>Host</b>               | Rabbit                                                                                                                                                                                                                                   |
| <b>Reactivity</b>         | Human, Mouse, Rat                                                                                                                                                                                                                        |
| <b>Applications</b>       | ELISA, WB                                                                                                                                                                                                                                |
| <b>Immunogen</b>          | Synthesized peptide derived from human ACOX2 protein.                                                                                                                                                                                    |
| <b>Immunogen Region</b>   | 270-350aa                                                                                                                                                                                                                                |
| <b>Gene ID</b>            | <a href="#">8309</a>                                                                                                                                                                                                                     |
| <b>Gene Symbol</b>        | <a href="#">ACOX2</a>                                                                                                                                                                                                                    |
| <b>Dilution range</b>     | WB 1:500-2000 ELISA 1:5000-20000                                                                                                                                                                                                         |
| <b>Specificity</b>        | ACOX2 Polyclonal Antibody detects endogenous levels of protein.                                                                                                                                                                          |
| <b>Tissue Specificity</b> | Present in all tissues tested: heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. Most abundant in heart, liver and kidney.                                                                                      |
| <b>Purification</b>       | ACOX2 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                  |
| <b>Note</b>               | For Research Use Only (RUO).                                                                                                                                                                                                             |
| <b>Protein Name</b>       | Peroxisomal acyl-coenzyme A oxidase 2 3-alpha,7-alpha,12-alpha-trihydroxy-5-beta-cholestanoyl-CoA 24-hydroxylase 3-alpha,7-alpha,12-alpha-trihydroxy-5-beta-cholestanoyl-CoA oxidase Trihydroxycoprostanoyl-CoA oxidase THCA-CoA oxidase |

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| <b>Molecular Weight</b>      | 74 kDa                                                                                                                                                                                                                                   |
| <b>Clonality</b>             | Polyclonal                                                                                                                                                                                                                               |
| <b>Conjugation</b>           | Unconjugated                                                                                                                                                                                                                             |
| <b>Isotype</b>               | IgG                                                                                                                                                                                                                                      |
| <b>Formulation</b>           | Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                                                                                      |
| <b>Concentration</b>         | 1 mg/ml                                                                                                                                                                                                                                  |
| <b>Storage Instruction</b>   | Store at -20°C, and avoid repeat freeze-thaw cycles.                                                                                                                                                                                     |
| <b>Database Links</b>        | <a href="#">HGNC:120OMIM:601641</a>                                                                                                                                                                                                      |
| <b>Alternative Names</b>     | Peroxisomal acyl-coenzyme A oxidase 2 3-alpha,7-alpha,12-alpha-trihydroxy-5-beta-cholestanoyl-CoA 24-hydroxylase 3-alpha,7-alpha,12-alpha-trihydroxy-5-beta-cholestanoyl-CoA oxidase Trihydroxycoprostanoyl-CoA oxidase THCA-CoA oxidase |
| <b>Function</b>              | Oxidizes the CoA esters of the bile acid intermediates di- and tri-hydroxycholestanoic acids.                                                                                                                                            |
| <b>Cellular Localization</b> | Peroxisome                                                                                                                                                                                                                               |

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