

## Anti-ACOX2 antibody (1-150) (STJ114662)

STJ114662

### GENERAL INFORMATION

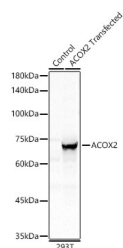
|                          |                    |
|--------------------------|--------------------|
| <b>Product Type</b>      | Primary antibodies |
| <b>Short Description</b> |                    |
| <b>Applications</b>      | WB/IHC-P/ELISA     |
| <b>Host/Source</b>       | Rabbit             |
| <b>Reactivity</b>        | Human/Mouse        |

### PRODUCT PROPERTIES

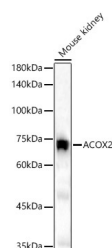
|                            |   |
|----------------------------|---|
| <b>Clonality</b>           | Polyclonal  |
| <b>Clone ID</b>            |   |
| <b>Concentration</b>       | Lot specific  |
| <b>Conjugation</b>         | Unconjugated  |
| <b>Purification</b>        | Affinity purification   |
| <b>Dilution</b>            | WB:1:500-1:1000   |
| <b>Range</b>               | IHC-P:1:50-1:200<br>ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements. |
| <b>Formulation</b>         | PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.  |
| <b>Isotype</b>             | IgG   |
| <b>Storage Instruction</b> | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.  |

### TARGET INFORMATION

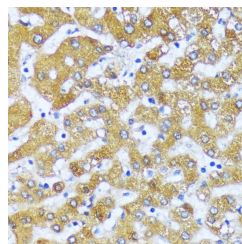
|                           |   |
|---------------------------|---|
| <b>Gene ID</b>            | 8309  |
| <b>Gene Symbol</b>        | ACOX2   |
| <b>Uniprot ID</b>         | ACOX2_HUMAN   |
| <b>Immunogen</b>          |   |
| <b>Immunogen Region</b>   | 1-150   |
| <b>Specificity</b>        | Recombinant fusion protein containing a sequence corresponding to amino acids 1-150 of human ACOX2 (NP_003491.1).   |
| <b>Immunogen Sequence</b> | MGSPVHRVSLGDTWSRQMHP DIESERYMQSFDVERLTNLL DGGAQNTALRRKVESIIHSY PEFCKNDNYFMTQNERYKAA MRRAFHIRLIARRLGWLEDG RELGYAYRALSGDVALNIHR VFVRALRSLGSEEQIAKWDP LCKNIQIIAT |



Western blot analysis of various lysates, using ACOX2 antibody (STJ114662) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



Western blot analysis of mouse kidney, using ACOX2 antibody (STJ114662) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded human liver using ACOX2 antibody (STJ114662) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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