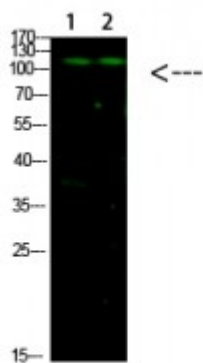


## Anti-GLI-1 antibody



|                         |                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>      | Rabbit polyclonal to ACSS1 (Acetyl-K642).                                                                                                                  |
| <b>Model</b>            | STJ98834                                                                                                                                                   |
| <b>Host</b>             | Rabbit                                                                                                                                                     |
| <b>Reactivity</b>       | Human, Mouse, Rat                                                                                                                                          |
| <b>Applications</b>     | ELISA, WB                                                                                                                                                  |
| <b>Immunogen</b>        | Synthesized Acetyl peptide derived from Human ACSS1                                                                                                        |
| <b>Immunogen Region</b> | K642                                                                                                                                                       |
| <b>Gene ID</b>          | <a href="#">84532</a>                                                                                                                                      |
| <b>Gene Symbol</b>      | <a href="#">ACSS1</a>                                                                                                                                      |
| <b>Dilution range</b>   | WB 1:500-2000ELISA 1:5000-20004                                                                                                                            |
| <b>Specificity</b>      | This antibody detects endogenous levels of ACSS1 (Acetyl-K642). It doesn't react with total protein.                                                       |
| <b>Purification</b>     | The 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>     | Acetyl-coenzyme A synthetase 2-like, mitochondrial Acetate--CoA ligase 2<br>Acetyl-CoA synthetase 2 AceCS2 Acyl-CoA synthetase short-chain family member 1 |
| <b>Clonality</b>        | Polyclonal                                                                                                                                                 |
| <b>Conjugation</b>      | Unconjugated                                                                                                                                               |

|                                         |                                                                                                                                                                                                                                                                                          |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Isotype</b>                          | IgG                                                                                                                                                                                                                                                                                      |
| <b>Formulation</b>                      | Liquid in PBS containing 50% glycerol, 0.5% BSA 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:16091</a> <a href="#">OMIM:614355</a>                                                                                                                                                                                                                                   |
| <b>Alternative Names</b>                | Acetyl-coenzyme A synthetase 2-like, mitochondrial Acetate--CoA ligase 2<br>Acetyl-CoA synthetase 2 AceCS2 Acyl-CoA synthetase short-chain family member 1                                                                                                                               |
| <b>Function</b>                         | Important for maintaining normal body temperature during fasting and for energy homeostasis. Essential for energy expenditure under ketogenic conditions . Converts acetate to acetyl-CoA so that it can be used for oxidation through the tricarboxylic cycle to produce ATP and CO(2). |
| <b>Cellular Localization</b>            | Mitochondrion matrix                                                                                                                                                                                                                                                                     |
| <b>Post-translational Modifications</b> | Reversibly acetylated on Lys-642. The acetyl-CoA synthase activity is inhibited by acetylation and activated by deacetylation.                                                                                                                                                           |

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