



# ACSS2 (Acetyl Lys418) rabbit pAb

Cat No.:ES20053

For research use only

## Overview

|                                 |   |
|---------------------------------|---|
| <b>Product Name</b>             | ACSS2 (Acetyl Lys418) rabbit pAb  |
| <b>Host species</b>             | Rabbit  |
| <b>Applications</b>             | WB; ELISA   |
| <b>Species Cross-Reactivity</b> | Human;Mouse   |
| <b>Recommended dilutions</b>    | WB 1:1000-2000 ELISA 1:5000-20000   |
| <b>Immunogen</b>                | Synthesized peptide derived from human ACSS2 (Acetyl Lys418)  |
| <b>Specificity</b>              | This antibody detects endogenous levels of Human,Mouse ACSS2 (Acetyl Lys418)  |
| <b>Formulation</b>              | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.   |
| <b>Storage</b>                  | Store at -20°C . Avoid repeated freeze-thaw cycles.   |
| <b>Protein Name</b>             | ACSS2 (Acetyl Lys418)   |
| <b>Gene Name</b>                | ACSS2 ACAS2   |
| <b>Cellular localization</b>    | Cytoplasm, cytosol .  |
| <b>Purification</b>             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.   |
| <b>Clonality</b>                | Polyclonal  |
| <b>Concentration</b>            | 1 mg/ml   |
| <b>Observed band</b>            | 80kD  |
| <b>Human Gene ID</b>            | 55902   |
| <b>Human Swiss-Prot Number</b>  | Q9NR19  |
| <b>Alternative Names</b>        | Acetyl-coenzyme A synthetase, cytoplasmic (EC 6.2.1.1;Acetate--CoA ligase;Acetyl-CoA synthetase;ACS;AceCS;Acyl-CoA synthetase short-chain family member 2;Acyl-activating enzyme)   |
| <b>Background</b>               | This gene encodes a cytosolic enzyme that catalyzes the activation of acetate for use in lipid synthesis and energy generation. The protein acts as a monomer and produces acetyl-CoA from acetate in a reaction that requires ATP. Expression of this gene |





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is regulated by sterol regulatory element-binding proteins, transcription factors that activate genes required for the synthesis of cholesterol and unsaturated fatty acids. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2009],



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