

## Product Datasheet

### Anti-ACSS2/Acetyl Coa Synthetase Rabbit Monoclonal Antibody (orb548108)

|                            |                                                                                                                                              |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>         | Anti-ACSS2/Acetyl Coa Synthetase Rabbit Monoclonal Antibody. Tested in WB, ICC/IF applications. This antibody reacts with Human, Mouse, Rat. |
| <b>Species/Host</b>        | Rabbit                                                                                                                                       |
| <b>Reactivity</b>          | Human, Mouse, Rat                                                                                                                            |
| <b>Conjugation</b>         | Unconjugated                                                                                                                                 |
| <b>Tested Applications</b> | ICC, IF, WB                                                                                                                                  |
| <b>Immunogen</b>           | A synthesized peptide derived from human ACSS2                                                                                               |
| <b>Form/Appearance</b>     | Liquid                                                                                                                                       |
| <b>Concentration</b>       | Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.                                                 |
| <b>Storage</b>             | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.      |
| <b>Note</b>                | For research use only                                                                                                                        |
| <b>Application notes</b>   | WB 1:500-1:2000 ICC/IF 1:50-1:200. Restore with deionized water (or equivalent) for reconstitution volume of 1.0 mL                          |
| <b>Isotype</b>             | Rabbit IgG                                                                                                                                   |
| <b>Clonality</b>           | Monoclonal                                                                                                                                   |
| <b>Clone Number</b>        | IEF-1                                                                                                                                        |
| <b>Antibody Type</b>       | Primary Antibody                                                                                                                             |
| <b>MW</b>                  | 18 kDa                                                                                                                                       |

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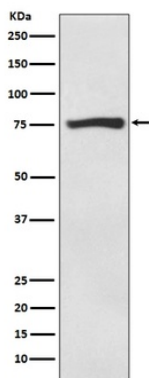
7 Signet Court, Swann's Road,  
Cambridge, CB5 8LA, United Kingdom  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

#### Biorbyt LLC.

68 TW Alexander Drive,  
Durham, NC, 27713, United States  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

**Uniprot ID****Q9NR19****Expiration Date**

12 months from date of receipt.



Western blot analysis of ACSS2 expression in HepG2 cell lysate (orb548108). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50ug of sample under reducing conditions. After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. Blocked the membrane with 5% Non-fat Milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-ACSS2 monoclonal antibody (Catalog # orb548108) overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # orb90503) with Tanon 5200 system. A specific band was detected for ACSS2.

**Biorbyt Ltd.**

7 Signet Court, Swann's Road,  
Cambridge, CB5 8LA, United Kingdom  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

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Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)