# ACSF2 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | ACSF2, Polyclonal Antibody |
| **Full Product Name** | ACSF2 Antibody; HRP conjugated |
| **Product Gene Name** | anti-ACSF2 antibody |
| **Product Synonym Names** | Acyl-CoA synthetase family member 2; mitochondrial; ACSF2; UNQ493/PRO1009 |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Human |
| **Form/Format** | Liquid |
| **Purity/Purification** | >95%,Protein G purified |
| **Preparation and Storage** | Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C. |
| **Matching Pairs** | Unconjugated Antibody: ACSF2 (MBS7006217)<br>HRP Conjugated Antibody: ACSF2 (MBS7004774) |
| **Molecular Weight** | 50,880 Da |
| **OMIM** | 610465 |
| **3D Structure** | ModBase 3D Structure for Q96CM8 |
| **Immunogen** | Recombinant human Acyl-CoA synthetase family member 2, mitochondrial protein |
| **Conjugation** | HRP |
| **Storage Buffer** | Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4 |
| **Santa Cruz Alternative** | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-241778 / sc-241778 / sc-241776 |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Applications Tested/Suitable for anti-ACSF2 antibody** | ELISA (EIA) |
| **Related Product Information for anti-ACSF2 antibody** | Acyl-CoA synthases catalyze the initial reaction in fatty acid metabolism, by forming a thioester with CoA. Has some preference toward medium-chain substrates. Plays a role in adipocyte differentiation. |
| **Other Notes** | Small volumes of anti-ACSF2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |
| **Searchable Terms for ACSF2 purchase** | MBS7004774 is an antibody targeting ACSF2. Also known as ACSF2 Antibody; HRP conjugated. Reactive in Human. Host: Rabbit. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ACSF2. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 572872742 |

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| **NCBI GeneID** | 80221 |
| **NCBI Accession #** | NP_001275897.1 |
| **UniProt Primary Accession #** | Q96CM8 |
| **UniProt Secondary Accession #** | Q9H7G2; B4DFQ6; B4DHT5; B4DUF5 |
| **UniProt Related Accession #** | Q96CM8 |
| **GenBank Nucleotide #** | NM_001288968.1 |
| **NCBI Official Full Name** | acyl-CoA synthetase family member 2, mitochondrial isoform 1 |
| **NCBI Official Synonym Full Names** | acyl-CoA synthetase family member 2 |
| **NCBI Official Symbol** | ACSF2 |
| **NCBI Official Synonym Symbols** | ACSMW; AVYV493 |
| **UniProt Protein Name** | Acyl-CoA synthetase family member 2, mitochondrial |
| **Protein Family** | Acyl-CoA synthetase family |
| **UniProt Gene Name** | ACSF2 |
| **UniProt Entry Name** | ACSF2_HUMAN |
| **NCBI Protein Information** | acyl-CoA synthetase family member 2, mitochondrial |
| **UniProt Comments for ACSF2** | ACSF2: Acyl-CoA synthases catalyze the initial reaction in fatty acid metabolism, by forming a thioester with CoA. Has some preference toward medium-chain substrates. Plays a role in adipodyte differentiation. Belongs to the ATP-dependent AMP-binding enzyme family.<br><br>Protein type: EC 6.2.1.-; Ligase<br><br>Chromosomal Location of Human Ortholog: 17q21.33<br><br>Cellular Component: mitochondrial matrix<br><br>Molecular Function: ATP binding; ligase activity; protein binding<br><br>Biological Process: cellular lipid metabolic process; fatty acid metabolic process; triacylglycerol biosynthetic process |
| **Research Articles on ACSF2** | **1.** Observational study of gene-disease association. (HuGE Navigator) |
| **Precautions** | All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. |
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