

**ACS2B Antibody (C-term) Blocking Peptide**  
Synthetic peptide  
Catalog # BP9918b**Specification**

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**ACS2B Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q68CK6](#)**ACS2B Antibody (C-term) Blocking Peptide - Additional Information**

Gene ID 348158

**Other Names**

Acyl-coenzyme A synthetase ACSM2B, mitochondrial, Acyl-CoA synthetase medium-chain family member 2B, Butyrate--CoA ligase 2B, Butyryl-coenzyme A synthetase 2B, Middle-chain acyl-CoA synthetase 2B, Xenobiotic/medium-chain fatty acid-CoA ligase HXM-A, ACSM2B, ACSM2

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**ACS2B Antibody (C-term) Blocking Peptide - Protein Information**

Name ACSM2B

Synonyms ACSM2

**Function**

Catalyzes the activation of fatty acids by CoA to produce an acyl-CoA, the first step in fatty acid metabolism (PubMed: [10434065](http://www.uniprot.org/citations/10434065), PubMed: [12616642](http://www.uniprot.org/citations/12616642)). Capable of activating medium-chain fatty acids (e.g. butyric (C4) to decanoic (C10) acids), and certain carboxylate- containing xenobiotics, e.g. benzoate (PubMed: [10434065](http://www.uniprot.org/citations/10434065), PubMed: [12616642](http://www.uniprot.org/citations/12616642)).

**Cellular Location**

Mitochondrion

**Tissue Location**

Detected in liver.

**ACS2B Antibody (C-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**ACS2B Antibody (C-term) Blocking Peptide - Images****ACS2B Antibody (C-term) Blocking Peptide - References**

Lindner, I., et al. Mol Nutr Food Res 50(3):270-274(2006) Yamada, S., et al. Oncogene 23(35):5901-5911(2004) Vessey, D.A., et al. J. Biochem. Mol. Toxicol. 18(2):100-106(2004) Vessey, D.A., et al. J. Biochem. Mol. Toxicol. 17(1):1-6(2003)