

**ACBG2 Antibody (Center) Blocking Peptide**  
Synthetic peptide  
Catalog # BP9854c**Specification**

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**ACBG2 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q5FVE4](#)**ACBG2 Antibody (Center) Blocking Peptide - Additional Information**

Gene ID 81616

**Other Names**

Long-chain-fatty-acid--CoA ligase ACSBG2, Acyl-CoA synthetase bubblegum family member 2, Bubblegum-related protein, PRTD-NY3, ACSBG2, BGR

**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.

**ACBG2 Antibody (Center) Blocking Peptide - Protein Information**Name ACSBG2 ([HGNC:24174](#))**Function**

Catalyzes the conversion of fatty acids such as long chain and very long-chain fatty acids to their active form acyl-CoAs for both synthesis of cellular lipids, and degradation via beta-oxidation. Can activate diverse saturated, monosaturated and polyunsaturated fatty acids (PubMed:&lt;a href="http://www.uniprot.org/citations/16371355" target="\_blank"&gt;16371355&lt;/a&gt;, PubMed:&lt;a href="http://www.uniprot.org/citations/16762313" target="\_blank"&gt;16762313&lt;/a&gt;). Has increased ability to activate oleic and linoleic acid (PubMed:&lt;a href="http://www.uniprot.org/citations/16371355" target="\_blank"&gt;16371355&lt;/a&gt;). May play a role in spermatogenesis (PubMed:&lt;a href="http://www.uniprot.org/citations/15685348" target="\_blank"&gt;15685348&lt;/a&gt;).

**Cellular Location**

Cytoplasm. Membrane; Peripheral membrane protein.

**Tissue Location**

Testis-specific.

**ACBG2 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**ACBG2 Antibody (Center) Blocking Peptide - Images****ACBG2 Antibody (Center) Blocking Peptide - References**

Fraisl, P., et al. Arch. Biochem. Biophys. 451(1):23-33(2006)Pei, Z., et al. J. Biol. Chem. 281(10):6632-6641(2006)Zheng, Y., et al. Asian J. Androl. 7(1):21-32(2005)Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)