

**HMGC2 Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP5765c****Specification**

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**HMGC2 Antibody (Center) Blocking peptide - Product Information**

Primary Accession [Q8TB92](#)  
Other Accession [NP\\_061909.2](#)

**HMGC2 Antibody (Center) Blocking peptide - Additional Information**

**Gene ID** 54511

**Other Names**

3-hydroxymethyl-3-methylglutaryl-CoA lyase, cytoplasmic, 3-hydroxymethyl-3-methylglutaryl-CoA lyase-like protein 1, Endoplasmic reticulum 3-hydroxymethyl-3-methylglutaryl-CoA lyase, er-cHL, HMGCLL1

**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.

**HMGC2 Antibody (Center) Blocking peptide - Protein Information**

**Name** HMGCLL1

**Function**

Non-mitochondrial 3-hydroxymethyl-3-methylglutaryl-CoA lyase that catalyzes a cation-dependent cleavage of (S)-3-hydroxy-3-methylglutaryl-CoA into acetyl-CoA and acetoacetate, a key step in ketogenesis, the products of which support energy production in nonhepatic animal tissues.

**Cellular Location**

Cytoplasm, cytosol. Endoplasmic reticulum membrane; Peripheral membrane protein

**HMGC2 Antibody (Center) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**HMGC2 Antibody (Center) Blocking peptide - Images**

**HMGC2 Antibody (Center) Blocking peptide - Background**

HMGCLL1 is involved in the catabolism of branched amino acids such as leucine.

**HMGC2 Antibody (Center) Blocking peptide - References**

Mitchell, G.A., et al. J. Biol. Chem. 268(6):4376-4381(1993)