

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

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)