

SUCLG1 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP10038c**Specification**

SUCLG1 Antibody (Center) Blocking peptide - Product Information

Primary Accession [P53597](#)
Other Accession [NP_003840.2](#)

SUCLG1 Antibody (Center) Blocking peptide - Additional Information

Gene ID 8802

Other Names

Succinyl-CoA ligase [ADP/GDP-forming] subunit alpha, mitochondrial, Succinyl-CoA synthetase subunit alpha, SCS-alpha, SUCLG1

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.

SUCLG1 Antibody (Center) Blocking peptide - Protein Information

Name SUCLG1 {ECO:0000255|HAMAP-Rule:MF_03222}

Function

Succinyl-CoA synthetase functions in the citric acid cycle (TCA), coupling the hydrolysis of succinyl-CoA to the synthesis of either ATP or GTP and thus represents the only step of substrate-level phosphorylation in the TCA. The alpha subunit of the enzyme binds the substrates coenzyme A and phosphate, while succinate binding and specificity for either ATP or GTP is provided by different beta subunits.

Cellular Location

Mitochondrion {ECO:0000255|HAMAP-Rule:MF_03222}.

SUCLG1 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

SUCLG1 Antibody (Center) Blocking peptide - Images