

GCSH Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16949a**Specification**

GCSH Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [P23434](#)**GCSH Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 2653**Other Names**

Glycine cleavage system H protein, mitochondrial, Lipoic acid-containing protein, GCSH

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.

GCSH Antibody (N-term) Blocking Peptide - Protein Information**Name** GCSH ([HGNC:4208](#))**Function**

The glycine cleavage system catalyzes the degradation of glycine. The H protein (GCSH) shuttles the methylamine group of glycine from the P protein (GLDC) to the T protein (GCST). Has a pivotal role in the lipoylation of enzymes involved in cellular energetics such as the mitochondrial dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex (DLAT), and the mitochondrial dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex (DLST) (PubMed:36190515).

Cellular Location

Mitochondrion.

GCSH Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

GCSH Antibody (N-term) Blocking Peptide - Images**GCSH Antibody (N-term) Blocking Peptide - Background**

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