

GAMT Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9503c**Specification**

GAMT Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q14353](#)**GAMT Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 2593**Other Names**

Guanidinoacetate N-methyltransferase, GAMT

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.

GAMT Antibody (Center) Blocking Peptide - Protein Information**Name** GAMT**Function**

Converts guanidinoacetate to creatine, using S- adenosylmethionine as the methyl donor (PubMed:26003046, PubMed:24415674, PubMed:26319512). Important in nervous system development (PubMed:24415674).

Tissue Location

Expressed in liver..

GAMT Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

GAMT Antibody (Center) Blocking Peptide - Images

GAMT Antibody (Center) Blocking Peptide - Background

The protein encoded by this gene is a methyltransferase that converts guanidoacetate to creatine, using S-adenosylmethionine as the methyl donor. Defects in this gene have been implicated in neurologic syndromes and muscular hypotonia, probably due to creatine deficiency and accumulation of guanidinoacetate in the brain of affected individuals.

GAMT Antibody (Center) Blocking Peptide - References

Saito, A., et al. J. Hum. Genet. 54(6):317-323(2009)Engelke, U.F., et al. NMR Biomed 22(5):538-544(2009)Franke, B., et al. Birth Defects Res. Part A Clin. Mol. Teratol. 85(3):216-226(2009)Dhar, S.U., et al. Mol. Genet. Metab. 96(1):38-43(2009)