

SLC25A16 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16823a**Specification**

SLC25A16 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [P16260](#)**SLC25A16 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 8034**Other Names**

Graves disease carrier protein, GDC, Graves disease autoantigen, GDA, Mitochondrial solute carrier protein homolog, Solute carrier family 25 member 16, SLC25A16, GDA

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.

SLC25A16 Antibody (N-term) Blocking Peptide - Protein Information**Name** SLC25A16 ([HGNC:10986](#))**Synonyms** GDA**Function**

May be involved in the transport of coenzyme A in the mitochondrial matrix (PubMed:11158296). Very little is known about the physiological function of this carrier (PubMed:11158296).

Cellular Location

Mitochondrion inner membrane; Multi-pass membrane protein

SLC25A16 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SLC25A16 Antibody (N-term) Blocking Peptide - Images**SLC25A16 Antibody (N-term) Blocking Peptide - Background**

This gene encodes a protein that contains three tandemly repeated mitochondrial carrier protein domains. The encoded protein is localized in the inner membrane and facilitates the rapid transport and exchange of molecules between the cytosol and the mitochondrial matrix space. This gene has a possible role in Graves' disease.

SLC25A16 Antibody (N-term) Blocking Peptide - References

Rose, J. Phd, et al. Mol. Med. (2010) In press : Grupe, A., et al. Am. J. Hum. Genet. 78(1):78-88(2006) Prohl, C., et al. Mol. Cell. Biol. 21(4):1089-1097(2001) Rossi, E., et al. Hum. Genet. 90(6):653-654(1993) Fiermonte, G., et al. DNA Seq. 3(2):71-78(1992)