

SLC25A46 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP13502a**Specification**

SLC25A46 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [Q96AG3](#)**SLC25A46 Antibody (N-term) Blocking peptide - Additional Information**

Gene ID 91137

Other Names

Solute carrier family 25 member 46, SLC25A46, TB1

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13502a was selected from the N-term region of SLC25A46. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

SLC25A46 Antibody (N-term) Blocking peptide - Protein InformationName SLC25A46 ([HGNC:25198](#))

Synonyms TB1

Function

Transmembrane protein of the mitochondrial outer membrane that controls mitochondrial organization (PubMed: [26168012](http://www.uniprot.org/citations/26168012)), PubMed: [27543974](http://www.uniprot.org/citations/27543974), PubMed: [27390132](http://www.uniprot.org/citations/27390132)). May regulate the assembly of the MICOS (mitochondrial contact site and cristae organizing system) complex which is essential to the biogenesis and dynamics of mitochondrial cristae, the inwards folds of the inner mitochondrial membrane (PubMed: [27390132](http://www.uniprot.org/citations/27390132)). Through its interaction with the EMC (endoplasmic reticulum membrane protein complex), could regulate mitochondrial lipid homeostasis and thereby mitochondrial fission (PubMed: [27390132](http://www.uniprot.org/citations/27390132)).

Cellular Location

Mitochondrion outer membrane; Multi-pass membrane protein

SLC25A46 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

SLC25A46 Antibody (N-term) Blocking peptide - Images**SLC25A46 Antibody (N-term) Blocking peptide - Background**

SLC25A46 belongs to the SLC25 family of mitochondrial carrier proteins (Haitina et al., 2006 [PubMed 16949250]).[supplied by OMIM].

SLC25A46 Antibody (N-term) Blocking peptide - References

Vasan, R.S., et al. JAMA 302(2):168-178(2009) Lamesch, P., et al. Genomics 89(3):307-315(2007) Haitina, T., et al. Genomics 88(6):779-790(2006) Nishisho, I., et al. Science 253(5020):665-669(1991) Kinzler, K.W., et al. Science 253(5020):661-665(1991)