

MCART2 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP10890a**Specification**

MCART2 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [Q3SY17](#)**MCART2 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 147407**Other Names**

Solute carrier family 25 member 52, Mitochondrial carrier triple repeat protein 2, SLC25A52, MCART2

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.

MCART2 Antibody (N-term) Blocking peptide - Protein Information**Name** SLC25A52 {ECO:0000303|PubMed:32906142, ECO:0000312|HGNC:HGNC:23324}**Function**

Mitochondrial membrane carrier protein that mediates the import of NAD(+) into mitochondria (PubMed:32906142). Compared to SLC25A51, SLC25A52-mediated transport is not essential for the import of NAD(+) in mitochondria (PubMed:32906142). The transport mechanism, uniport or antiport, its electrogenicity and substrate selectivity, remain to be elucidated.

Cellular Location

Mitochondrion inner membrane; Multi-pass membrane protein

MCART2 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

MCART2 Antibody (N-term) Blocking peptide - Images**MCART2 Antibody (N-term) Blocking peptide - Background**

This gene is similar to the mitochondrial carrier triplerepeat 1 gene on chromosome 9. The gene is intronless and may be an evolving pseudogene; however, it is transcribed and it contains a full-length coding region so it is currently classified as a protein-coding locus.

MCART2 Antibody (N-term) Blocking peptide - References

Kimura, K., et al. Genome Res. 16(1):55-65(2006) Gerhard, D.S., et al. Genome Res. 14 (10B), 2121-2127 (2004) :