10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

Specification

MCART2 Antibody (N-term) Blocking peptide - Product Information

Primary 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

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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 anevolving pseudogene; however, it is transcribed and it contains afull-length coding region so it is currently classified as aprotein-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) :