

MRS2 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP4900a**Specification**

MRS2 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [Q9HD23](#)

MRS2 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 57380

Other Names

Magnesium transporter MRS2 homolog, mitochondrial, MRS2-like protein, MRS2, HPT, MRS2L

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.

MRS2 Antibody (N-term) Blocking Peptide - Protein Information

Name MRS2

Synonyms HPT, MRS2L

Function

Magnesium transporter that mediates the influx of magnesium into the mitochondrial matrix (PubMed:11401429, PubMed:18384665). Required for normal expression of the mitochondrial respiratory complex I subunits (PubMed:18384665).

Cellular Location

Mitochondrion inner membrane; Multi-pass membrane protein

MRS2 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

MRS2 Antibody (N-term) Blocking Peptide - Images**MRS2 Antibody (N-term) Blocking Peptide - Background**

MRS2 is magnesium transporter that may mediate the influx of magnesium into the mitochondrial matrix.

MRS2 Antibody (N-term) Blocking Peptide - References

Wolf, F.I., et al. Cancer Biol. Ther. 8(7):615-617(2009)Chen, Y., et al. Cancer Biol. Ther. 8(7):607-614(2009)Piskacek, M., et al. J. Cell. Mol. Med. 13(4):693-700(2009)