

MTX2 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP10797b**Specification**

MTX2 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [O75431](#)**MTX2 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 10651**Other Names**

Metaxin-2, Mitochondrial outer membrane import complex protein 2, MTX2

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.

MTX2 Antibody (C-term) Blocking peptide - Protein Information**Name** MTX2**Function**

Involved in transport of proteins into the mitochondrion.

Cellular Location

Mitochondrion outer membrane. Mitochondrion

MTX2 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

MTX2 Antibody (C-term) Blocking peptide - Images**MTX2 Antibody (C-term) Blocking peptide - Background**

The protein encoded by this gene is highly similar to the metaxin 2 protein from mouse, which has been shown to interact with the mitochondrial membrane protein metaxin 1. Because of

thissimilarity, it is thought that the encoded protein is peripherally associated with the cytosolic face of the outer mitochondrial membrane, and that it is involved in the import of proteins into the mitochondrion. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 7.

MTX2 Antibody (C-term) Blocking peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Xie, J., et al. FEBS Lett. 581(18):3545-3549(2007)Kozjak-Pavlovic, V., et al. EMBO Rep. 8(6):576-582(2007)Lamesch, P., et al. Genomics 89(3):307-315(2007)Armstrong, L.C., et al. J. Cell. Biochem. 74(1):11-22(1999)