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

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

Specification

MTX2 Antibody (C-term) Blocking peptide - Product Information

Primary 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 themetaxin 2 protein from mouse, which has been shown to interact withthe mitochondrial membrane protein metaxin 1. Because of

thissimilarity, it is thought that the encoded protein is peripherallyassociated with the cytosolic face of the outer mitochondrialmembrane, and that it is involved in the import of proteins intothe mitochondrion. Alternative splicing results in multipletranscript variants. A related pseudogene has been identified onchromosome 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)