

MTCH2 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP5492a**Specification**

MTCH2 Antibody (N-term) Blocking peptide - Product Information

Primary Accession [O9Y6C9](#)
Other Accession [NP_055157.1](#)

MTCH2 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 23788

Other Names

Mitochondrial carrier homolog 2, Met-induced mitochondrial protein, MTCH2, MIMP

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.

MTCH2 Antibody (N-term) Blocking peptide - Protein Information

Name MTCH2 {ECO:0000303|PubMed:36264797, ECO:0000312|HGNC:HGNC:17587}

Function

Protein insertase that mediates insertion of transmembrane proteins into the mitochondrial outer membrane (PubMed:36264797). Catalyzes insertion of proteins with alpha-helical transmembrane regions, such as signal-anchored, tail-anchored and multi-pass membrane proteins (PubMed:36264797). Does not mediate insertion of beta-barrel transmembrane proteins (PubMed:36264797). Also acts as a receptor for the truncated form of pro-apoptotic BH3-interacting domain death agonist (p15 BID) and has therefore a critical function in apoptosis (By similarity). Regulates the quiescence/cycling of hematopoietic stem cells (HSCs) (By similarity). Acts as a regulator of mitochondrial fusion, essential for the naive-to-primed interconversion of embryonic stem cells (ESCs) (By similarity). Acts as a regulator of lipid homeostasis and has a regulatory role in adipocyte differentiation and biology (By similarity).

Cellular Location

Mitochondrion outer membrane; Multi-pass membrane protein

MTCH2 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

MTCH2 Antibody (N-term) Blocking peptide - Images