

MIPEP Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP1459c**Specification**

MIPEP Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q99797](#)

MIPEP Antibody (Center) Blocking Peptide - Additional Information

Gene ID 4285

Other Names

Mitochondrial intermediate peptidase, MIP, MIPEP, MIP

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP1459c](/products/AP1459c) was selected from the Center region of human MIPEP. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

MIPEP Antibody (Center) Blocking Peptide - Protein Information

Name MIPEP

Synonyms MIP

Function

Cleaves proteins, imported into the mitochondrion, to their mature size.

Cellular Location

Mitochondrion matrix.

MIPEP Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

MIPEP Antibody (Center) Blocking Peptide - Images

MIPEP Antibody (Center) Blocking Peptide - Background

MIPEP performs the final step in processing a specific class of nuclear-encoded proteins targeted to the mitochondrial matrix or inner membrane. This protein is primarily involved in the maturation of oxidative phosphorylation(OXPHOS)-related proteins. It may contribute to the functional effects of frataxin deficiency and the clinical manifestations of Friedreich ataxia.

MIPEP Antibody (Center) Blocking Peptide - References

Chew A., Genomics 40:493-496(1997).