

**MIPEP Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP1459a****Specification**

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**MIPEP Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q99797](#)**MIPEP Antibody (N-term) 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 [AP1459a](/product/products/AP1459a) was selected from the N-term 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 (N-term) 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 (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **MIPEP Antibody (N-term) Blocking Peptide - Images**

#### **MIPEP Antibody (N-term) 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. This protein may contribute to the functional effects of frataxin deficiency and the clinical manifestations of Friedreich ataxia.

#### **MIPEP Antibody (N-term) Blocking Peptide - References**

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