

**ND6 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP18133b****Specification**

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**ND6 Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession [P03923](#)  
Other Accession [YP\\_003024037.1](#)

**ND6 Antibody (C-term) Blocking Peptide - Additional Information**

**Gene ID** 4541

**Other Names**

NADH-ubiquinone oxidoreductase chain 6, NADH dehydrogenase subunit 6, MT-ND6, MTND6, NADH6, ND6

**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.

**ND6 Antibody (C-term) Blocking Peptide - Protein Information**

**Name** MT-ND6

**Synonyms** MTND6, NADH6, ND6

**Function**

Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) which catalyzes electron transfer from NADH through the respiratory chain, using ubiquinone as an electron acceptor (PubMed:<a href="http://www.uniprot.org/citations/8644732" target="\_blank">8644732</a>, PubMed:<a href="http://www.uniprot.org/citations/14595656" target="\_blank">14595656</a>). Essential for the catalytic activity and assembly of complex I (PubMed:<a href="http://www.uniprot.org/citations/8644732" target="\_blank">8644732</a>, PubMed:<a href="http://www.uniprot.org/citations/14595656" target="\_blank">14595656</a>).

**Cellular Location**

Mitochondrion inner membrane {ECO:0000250|UniProtKB:P03924}; Multi-pass membrane protein

**ND6 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **ND6 Antibody (C-term) Blocking Peptide - Images**

#### **ND6 Antibody (C-term) Blocking Peptide - Background**

Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone (By similarity).