

ND3 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP12310a**Specification**

ND3 Antibody (N-term) Blocking peptide - Product Information

Primary Accession [P03897](#)
Other Accession [YP_003024033.1](#)

ND3 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 4537

Other Names

NADH-ubiquinone oxidoreductase chain 3, NADH dehydrogenase subunit 3, MT-ND3, MTND3, NADH3, ND3

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.

ND3 Antibody (N-term) Blocking peptide - Protein Information

Name MT-ND3 ([HGNC:7458](#))

Synonyms MTND3, NADH3, ND3

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:25118196). Essential for the catalytic activity of complex I (PubMed:25118196).

Cellular Location

Mitochondrion inner membrane {ECO:0000250|UniProtKB:P03898}; Multi-pass membrane protein

ND3 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

ND3 Antibody (N-term) Blocking peptide - Images**ND3 Antibody (N-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).