

**NDUFB7 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6658b****Specification**

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**NDUFB7 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [P17568](#)**NDUFB7 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 4713**Other Names**

NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7, Cell adhesion protein SQM1, Complex I-B18, CI-B18, NADH-ubiquinone oxidoreductase B18 subunit, NDUFB7

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP6658b](/products/AP6658b) was selected from the C-term region of human NDUFB7. 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.

**NDUFB7 Antibody (C-term) Blocking Peptide - Protein Information****Name** NDUFB7**Function**

Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in 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.

**Cellular Location**

Mitochondrion inner membrane; Peripheral membrane protein. Mitochondrion intermembrane space

## **NDUFB7 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **NDUFB7 Antibody (C-term) Blocking Peptide - Images**

## **NDUFB7 Antibody (C-term) Blocking Peptide - Background**

NDUFB7 is a subunit of the multisubunit NADH:ubiquinone oxidoreductase (complex I). Mammalian complex I is composed of 45 different subunits. It is located at the mitochondrial inner membrane. This protein has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.

## **NDUFB7 Antibody (C-term) Blocking Peptide - References**

Triepels,R., Hum. Genet. 106 (4), 385-391 (2000)