

**NDUB2 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP4733b****Specification**

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**NDUB2 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [O95178](#)**NDUB2 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 4708**Other Names**

NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 2, mitochondrial, Complex I-AGGG, CI-AGGG, NADH-ubiquinone oxidoreductase AGGG subunit, NDUF2

**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.

**NDUB2 Antibody (C-term) Blocking Peptide - Protein Information****Name** NDUF2**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; Matrix side

**NDUB2 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**NDUB2 Antibody (C-term) Blocking Peptide - Images**

**NDUB2 Antibody (C-term) Blocking Peptide - Background**

NDUB2 is a subunit of the multisubunit NADH:ubiquinone oxidoreductase (complex I). Mammalian complex I is composed of 45 different subunits. This protein has NADH dehydrogenase activity and oxidoreductase activity. It plays a important role in transferring electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. Hydropathy analysis revealed that this subunit and 4 other subunits have an overall hydrophilic pattern, even though they are found within the hydrophobic protein (HP) fraction of complex I.

**NDUB2 Antibody (C-term) Blocking Peptide - References**

Wang, L., et al. Cancer Epidemiol. Biomarkers Prev. 17(12):3558-3566(2008)Yeh, C.H., et al. Chest 125(1):228-235(2004)