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NDUFB5 Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP11864b

Specification

NDUFB5 Antibody (C-term) Blocking peptide - Product Information

Primary Accession	O43674
Other Accession	NP_002483.1

NDUFB5 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 4711

Other Names
NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 5, mitochondrial, Complex I-SGDH, CI-SGDH, NADH-ubiquinone oxidoreductase SGDH subunit, NDUFB5

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.

NDUFB5 Antibody (C-term) Blocking peptide - Protein Information

Name NDUFB5

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; Single-pass membrane protein; Matrix side

NDUFB5 Antibody (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

NDUFB5 Antibody (C-term) Blocking peptide - Images

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NDUFB5 Antibody (C-term) Blocking peptide - Background

The protein encoded by this gene is a subunit of themultisubunit NADH:ubiquinone oxidoreductase (complex I). Mammaliancomplex I is composed of 45 different subunits. It locates at themitochondrial inner membrane. This protein has NADH dehydrogenaseactivity and oxidoreductase activity. It transfers electrons fromNADH to the respiratory chain. The immediate electron acceptor forthe enzyme is believed to be ubiquinone.

NDUFB5 Antibody (C-term) Blocking peptide - References

Saito, A., et al. J. Hum. Genet. 54(6):317-323(2009)Martins-de-Souza, D., et al. J Neural Transm 116(3):275-289(2009)Wang, L., et al. Cancer Epidemiol. Biomarkers Prev. 17(12):3558-3566(2008)Starr, J.M., et al. Mech. Ageing Dev. 129(12):745-751(2008)Lamesch, P., et al. Genomics 89(3):307-315(2007)