

NDUAB Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP10520c**Specification**

NDUAB Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q86Y39](#)
Other Accession [NP_783313.1](#)

NDUAB Antibody (Center) Blocking Peptide - Additional Information

Gene ID 126328

Other Names

NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 11, Complex I-B147, CI-B147,
NADH-ubiquinone oxidoreductase subunit B147, NDUFA11

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.

NDUAB Antibody (Center) Blocking Peptide - Protein Information

Name NDUFA11

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; Multi-pass membrane protein; Matrix side

NDUAB Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

NDUAB Antibody (Center) Blocking Peptide - Images

NDUAB Antibody (Center) Blocking Peptide - Background

NDUFA11 encodes a subunit of the membrane-bound mitochondrial complex I. Complex I is composed of numerous subunits and functions as the NADH-ubiquinol reductase of the mitochondrial electron transport chain. Mutations in this gene are associated with severe mitochondrial complex I deficiency. Alternate splicing results in multiple transcript variants.

NDUAB Antibody (Center) Blocking Peptide - References

Berger, I., et al. Ann. Neurol. 63(3):405-408(2008) Takagaki, K., et al. Biochem. Biophys. Res. Commun. 309(2):351-358(2003) Murray, J., et al. J. Biol. Chem. 278(16):13619-13622(2003) Carroll, J., et al. J. Biol. Chem. 277(52):50311-50317(2002) Carroll, J., et al. J. Biol. Chem. 277(52):50311-50317(2002)