

**NDUFV2 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6962c****Specification**

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**NDUFV2 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [P19404](#)**NDUFV2 Antibody (Center) Blocking Peptide - Additional Information**

Gene ID 4729

**Other Names**

NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial, NADH-ubiquinone oxidoreductase 24 kDa subunit, NDUFV2

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP6962c](/products/AP6962c) was selected from the Center region of human NDUFV2. 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.

**NDUFV2 Antibody (Center) Blocking Peptide - Protein Information**Name NDUFV2 ([HGNC:7717](#))**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 (Probable). Parts of the peripheral arm of the enzyme, where the electrons from NADH are accepted by flavin mononucleotide (FMN) and then passed along a chain of iron-sulfur clusters by electron tunnelling to the final acceptor ubiquinone (Probable). Contains one iron-sulfur cluster (Probable).

**Cellular Location**

Mitochondrion inner membrane {ECO:0000250|UniProtKB:P04394}; Peripheral membrane protein {ECO:0000250|UniProtKB:P04394}; Matrix side {ECO:0000250|UniProtKB:P04394}

**NDUFV2 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**NDUFV2 Antibody (Center) Blocking Peptide - Images****NDUFV2 Antibody (Center) Blocking Peptide - Background**

NDUFV2 is the 24 kDa subunit of complex I, and is involved in electron transfer.

**NDUFV2 Antibody (Center) Blocking Peptide - References**

Loeffen, J.L., et.al., Biochem. Biophys. Res. Commun. 253 (2), 415-422 (1998)