**Anti-NDUFA1 Rabbit Monoclonal Antibody**
**Catalog # ABO16416**

## Specification

### Anti-NDUFA1 Rabbit Monoclonal Antibody - Product Information

| | |
|---|---|
| Application | **WB, IHC** |
| Primary Accession | [O15239](#) |
| Host | **Rabbit** |
| Isotype | **IgG** |
| Reactivity | **Human** |
| Clonality | **Monoclonal** |
| Format | **Liquid** |

**Description**
Anti-NDUFA1 Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human.

### Anti-NDUFA1 Rabbit Monoclonal Antibody - Additional Information

**Gene ID** 4694

**Other Names**
NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 1, Complex I-MWFE, CI-MWFE, NADH-ubiquinone oxidoreductase MWFE subunit, NDUFA1

**Calculated MW**
10 kDa KDa

**Application Details**
WB 1:500-1:2000<br>IHC 1:50-1:200

**Contents**
Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen**
A synthesized peptide derived from human NDUFA1

**Purification**
Affinity-chromatography

| | |
|---|---|
| Storage | **Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.** |

### Anti-NDUFA1 Rabbit Monoclonal Antibody - Protein Information

**Name** NDUFA1

**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**
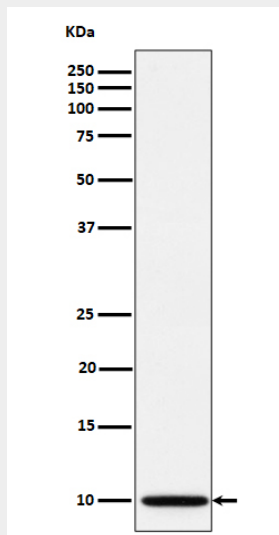Mitochondrion inner membrane; Single-pass membrane protein; Matrix side

**Tissue Location**
Primarily expressed in heart and skeletal muscle.

**Anti-NDUFA1 Rabbit Monoclonal Antibody - Protocols**

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

**Anti-NDUFA1 Rabbit Monoclonal Antibody - Images**



Western blot analysis of NDUFA1 expression in A673 cell lysate.