

### **Anti-NDUFC2 Rabbit Monoclonal Antibody**

**Catalog # ABO16510** 

## **Specification**

# **Anti-NDUFC2 Rabbit Monoclonal Antibody - Product Information**

Application
Primary Accession
Host
Isotype
Reactivity
Clonality
Format

WB, IHC
095298
Rabbit
IgG
Rhabbit
Human
Monoclonal
Liquid

**Description** 

Anti-NDUFC2 Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human.

## **Anti-NDUFC2 Rabbit Monoclonal Antibody - Additional Information**

#### **Gene ID 4718**

#### **Other Names**

NADH dehydrogenase [ubiquinone] 1 subunit C2, Complex I-B14.5b, CI-B14.5b, Human lung cancer oncogene 1 protein, HLC-1, NADH-ubiquinone oxidoreductase subunit B14.5b, NDUFC2 (<a href="http://www.genenames.org/cgi-bin/gene\_symbol\_report?hgnc\_id=7706" target="blank">HGNC:7706</a>)

### Calculated MW 12 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 NDUFC2

#### **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-NDUFC2 Rabbit Monoclonal Antibody - Protein Information**



## Name NDUFC2 (HGNC:7706)

### **Function**

Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis but required for the complex assembly. 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**

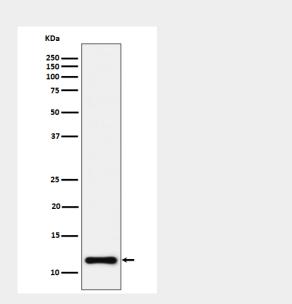
Mitochondrion inner membrane; Single-pass membrane protein; Matrix side

## **Anti-NDUFC2 Rabbit Monoclonal Antibody - Protocols**

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

### **Anti-NDUFC2 Rabbit Monoclonal Antibody - Images**



Western blot analysis of NDUFC2 expression in HeLa cell lysate.