

# Recombinant Anti-NDUFB9 Rabbit mAb

Catalog # AP95379

## Product Information

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|                   |                        |
|-------------------|------------------------|
| Application       | WB, IHC, FC, IP, IF/IC |
| Primary Accession | <a href="#">Q9Y6M9</a> |
| Reactivity        | Human, Mouse, Rat      |
| Host              | Rabbit                 |
| Clonality         | Monoclonal             |
| Calculated MW     | 21831                  |

## Additional Information

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|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | 4715                                                                                                                                                                          |
| Other Names        | LYRM3; UQOR22; NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 9; Complex I-B22; CI-B22; LYR motif-containing protein 3; NADH-ubiquinone oxidoreductase B22 subunit |
| Target/Specificity | KLH-conjugated synthetic peptide encompassing a sequence within human NDUFB9 protein. The exact sequence is proprietary.                                                      |
| Dilution           | WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~1:10~50 IP~~N/A IF/IC~~N/A                                                                                                         |
| Format             | Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.                                                                                                         |
| Storage            | Store at -20 °C.Stable for 12 months from date of receipt                                                                                                                     |

## Protein Information

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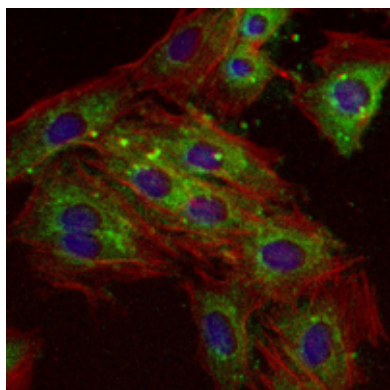
|                   |                                                                                                                                                                                                                                                                                                                       |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name              | NDUFB9                                                                                                                                                                                                                                                                                                                |
| Synonyms          | LYRM3, UQOR22                                                                                                                                                                                                                                                                                                         |
| Function          | Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed to be not 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; Peripheral membrane protein; Matrix side                                                                                                                                                                                                                                                |

## Images

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Western blot analysis of NDUF9 expression in HEK293  
(A) whole cell lysates. (Predicted band size: 22 kD;  
Observed band size: 22 kD)



Immunofluorescent analysis of NDUF9 staining in HEK293 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.