

# Anti-NDUFB8 Rabbit Monoclonal Antibody

Catalog # ABO15338

## Product Information

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|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Application</b>       | WB, IHC, IF, ICC, IP, FC                                                                                                                          |
| <b>Primary Accession</b> | <a href="#">O95169</a>                                                                                                                            |
| <b>Host</b>              | Rabbit                                                                                                                                            |
| <b>Isotype</b>           | IgG                                                                                                                                               |
| <b>Reactivity</b>        | Rat, Human, Mouse                                                                                                                                 |
| <b>Clonality</b>         | Monoclonal                                                                                                                                        |
| <b>Format</b>            | Liquid                                                                                                                                            |
| <b>Description</b>       | Anti-NDUFB8 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat. |

## Additional Information

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| <b>Gene ID</b>             | 4714                                                                                                                                                     |
| <b>Other Names</b>         | NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 8, mitochondrial, Complex I-ASHI, CI-ASHI, NADH-ubiquinone oxidoreductase ASHI subunit, NDUFB8 |
| <b>Calculated MW</b>       | 21766                                                                                                                                                    |
| <b>Application Details</b> | WB 1:500-1:2000<br>IHC 1:50-1:200<br>ICC/IF 1:50-1:200<br>IP 1:30<br>FC 1:50                                                                             |
| <b>Source</b>              | Eukaryota                                                                                                                                                |
| <b>Contents</b>            | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                                      |
| <b>Clone Names</b>         | Clone: 19N14                                                                                                                                             |
| <b>Immunogen</b>           | A synthesized peptide derived from human NDUFB8                                                                                                          |
| <b>Purification</b>        | Affinity-chromatography                                                                                                                                  |
| <b>Storage</b>             | 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.               |

## Protein Information

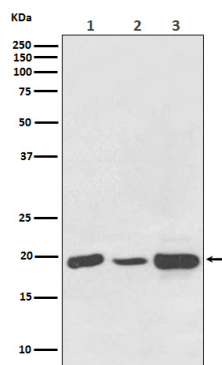
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|-------------|--------|
| <b>Name</b> | NDUFB8 |
|-------------|--------|

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|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Function</b>          | 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. |
| <b>Cellular Location</b> | Mitochondrion inner membrane; Single-pass membrane protein; Matrix side                                                                                                                                                                                                                                               |

## Images

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Western blot analysis of NDUF8 expression in (1) HeLa cell lysate; (2) NIH/3T3 cell lysate; (3) PC12 cell lysate.

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