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Datasheet for ABIN7160991

**anti-MT-ND1 antibody (AA 23-67) (HRP)**

## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µg                                    |
| Target:              | MT-ND1                                    |
| Binding Specificity: | AA 23-67                                  |
| Reactivity:          | Human                                     |
| Host:                | Rabbit                                    |
| Clonality:           | Polyclonal                                |
| Conjugate:           | This MT-ND1 antibody is conjugated to HRP |
| Application:         | ELISA                                     |

## Product Details

|                   |  |
|-------------------|--|
| Immunogen:        | Recombinant Human NADH-ubiquinone oxidoreductase chain 1 protein (23-67AA) |
| Isotype:          | IgG  |
| Cross-Reactivity: | Human  |
| Purification:     | >95%, Protein G purified   |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | MT-ND1  |
| Alternative Name: | MT-ND1 ( <a href="#">MT-ND1 Products</a> )  |
| Background:       | Background: Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for |

## Target Details

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 (By similarity).  
Aliases: Complex I, subunit ND1 antibody, Mitochondrially encoded NADH dehydrogenase 1 antibody, MT-ND1 antibody, MTND1 antibody, NAD1 antibody, NADH dehydrogenase subunit 1 (complex I) antibody, NADH dehydrogenase subunit 1 antibody, NADH-ubiquinone oxidoreductase chain 1 antibody, NADH-ubiquinone oxidoreductase, subunit ND1 antibody, NADH1 antibody, ND1 antibody, NU1M\_HUMAN antibody

UniProt: [P03886](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.