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Datasheet for ABIN6989019  
**anti-MT-ND6 antibody (AA 31-130)**

### Overview

|                      |                                       |
|----------------------|---------------------------------------|
| Quantity:            | 100 µL                                |
| Target:              | MT-ND6                                |
| Binding Specificity: | AA 31-130                             |
| Reactivity:          | Rat, Mouse                            |
| Host:                | Rabbit                                |
| Clonality:           | Polyclonal                            |
| Conjugate:           | This MT-ND6 antibody is un-conjugated |
| Application:         | Western Blotting (WB)                 |

### Product Details

|                       |  |
|-----------------------|--|
| Immunogen:            | KLH conjugated synthetic peptide derived from mouse MT-ND6 |
| Isotype:              | IgG  |
| Cross-Reactivity:     | Mouse, Rat   |
| Predicted Reactivity: | Rabbit   |
| Purification:         | Purified by Protein A.                                     |

### Target Details

|                   |   |
|-------------------|---|
| Target:           | MT-ND6  |
| Alternative Name: | MT-ND6 ( <a href="#">MT-ND6 Products</a> )                              |
| Background:       | Synonyms: Mitochondrially encoded NADH dehydrogenase 6, NADH-ubiquinone |

## Target Details

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oxidoreductase chain 6, MT ND6, mtND6, NADH dehydrogenase subunit 6 (complex I), NADH dehydrogenase subunit 6, NADH ubiquinone oxidoreductase chain 6, NADH Ubiquinone Oxidoreductase subunit ND6, NADH6, ND6, NU6M\_HUMAN, NU6M\_HUMA

Background: NADH Dehydrogenase subunit 6 (MTND6) is 1 of the 7 mitochondrial DNA (mtDNA) encoded subunits (MTND1, MTND2, MTND3, MTND4L, MTND4, MTND5, MTND6) included among the approximately 41 polypeptides of respiratory Complex I. Complex I accepts electrons from NADH, transfers them to ubiquinone (Coenzyme Q10), and uses the energy released to pump protons across the mitochondria inner membrane. MTND6 has been proposed to be a component of the iron-protein fragment.

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Gene ID: 4541

UniProt: [P03923](#)

## Application Details

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Application Notes: WB 1:300-5000

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months