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Datasheet for ABIN6987796  
**anti-MT-ND6 antibody (AA 31-130) (HRP)**

### 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 conjugated to HRP
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

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UniProt: [P03923](#)

## Application Details

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Application Notes: WB 1:300-5000

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months