

**Anti-MT-ND5 Antibody**  
Rabbit polyclonal antibody to MT-ND5  
Catalog # AP60708

**Specification**

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**Anti-MT-ND5 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P03915</a>
Other Accession	<a href="#">P03921</a>
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Bovine, SARS, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	67027

**Anti-MT-ND5 Antibody - Additional Information**

**Gene ID** 4540

**Other Names**

MTND5; NADH5; ND5; NADH-ubiquinone oxidoreductase chain 5; NADH dehydrogenase subunit 5

**Target/Specificity**

Recognizes endogenous levels of MT-ND5 protein.

**Dilution**

WB~~WB (1/500 - 1/1000), IP (1/10 - 1/100)

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Anti-MT-ND5 Antibody - Protein Information**

**Name** MT-ND5

**Synonyms** MTND5, NADH5, ND5

**Function**

Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) which catalyzes electron transfer from NADH through the respiratory chain, using ubiquinone as an electron acceptor (PubMed: [15250827](http://www.uniprot.org/citations/15250827)). Essential for the catalytic activity and assembly of complex I (PubMed: [15250827](http://www.uniprot.org/citations/15250827)).

### Cellular Location

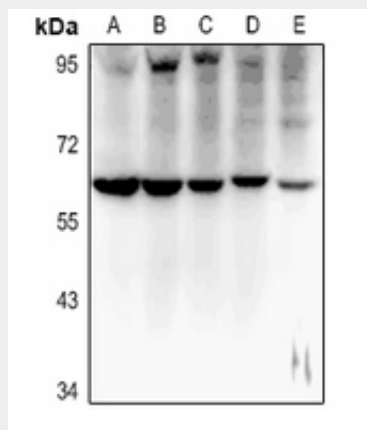
Mitochondrion inner membrane {ECO:0000250|UniProtKB:P03920}; Multi-pass membrane protein

### Anti-MT-ND5 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Anti-MT-ND5 Antibody - Images



Western blot analysis of MT-ND5 expression in HEK293T (A), MCF7 (B), A549 (C), C6 (D), CT26 (E) whole cell lysates.

### Anti-MT-ND5 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MT-ND5. The exact sequence is proprietary.