

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

Specification

Anti-MT-ND5 Antibody - Product Information

Application	WB
Primary Accession	P03915
Other Accession	P03921
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

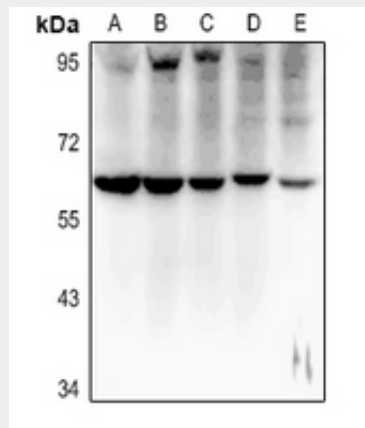
Mitochondrion inner membrane {ECO:0000250|UniProtKB:P03920}; Multi-pass membrane protein

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.