

Anti-MT-ND2 Antibody
Catalog # AP53690**Specification**

Anti-MT-ND2 Antibody - Product Information

Application	WB
Primary Accession	P03891
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38961

Anti-MT-ND2 Antibody - Additional Information**Gene ID** 4536**Other Names**

MTND2; NADH2; ND2; NADH-ubiquinone oxidoreductase chain 2; NADH dehydrogenase subunit 2

Target/Specificity

Recognizes endogenous levels of MT-ND2 protein.

Dilution

WB~~1/500 - 1/1000

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-ND2 Antibody - Protein Information**Name** MT-ND2 ([HGNC:7456](#))**Synonyms** MTND2, NADH2, ND2**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:16996290). Essential for the catalytic activity and assembly of complex I (PubMed:16996290).

Cellular Location

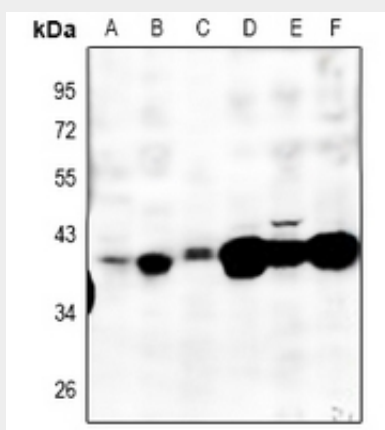
Mitochondrion inner membrane {ECO:0000250|UniProtKB:P03892}; Multi-pass membrane protein

Anti-MT-ND2 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-ND2 Antibody - Images



Western blot analysis of MT-ND2 expression in rat kidney (A), AML12 (B), PC12 (C), HepG2 (D), HEK293T (E), A375 (F) whole cell lysates.

Anti-MT-ND2 Antibody - Background

Rabbit polyclonal antibody to MT-ND2