

Anti-MT-ND1 Rabbit Monoclonal Antibody Catalog # ABO15725

Specification

Anti-MT-ND1 Rabbit Monoclonal Antibody - Product Information

Application	WB
Primary Accession	P03886
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-MT-ND1 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse, Rat.

Anti-MT-ND1 Rabbit Monoclonal Antibody - Additional Information

Gene ID 4535

Other Names

NADH-ubiquinone oxidoreductase chain 1, 7.1.1.2, NADH dehydrogenase subunit 1, MT-ND1, MTND1, NADH1, ND1

Calculated MW

38 kDa KDa

Application Details

WB 1:5000-1:20000

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human MT-ND1

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-MT-ND1 Rabbit Monoclonal Antibody - Protein Information

Name MT-ND1

Synonyms MTND1, NADH1, ND1

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:1959619). Essential for the catalytic activity and assembly of complex I (PubMed:1959619, PubMed:26929434).

Cellular Location

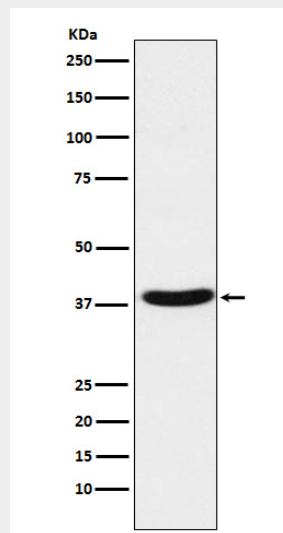
Mitochondrion inner membrane {ECO:0000250|UniProtKB:P03887}; Multi-pass membrane protein

Anti-MT-ND1 Rabbit Monoclonal 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-ND1 Rabbit Monoclonal Antibody - Images



Western blot analysis of MT-ND1 expression in Human fetal muscle lysate.