

Anti-MT-ND1 Rabbit Monoclonal Antibody

Catalog # ABO15725

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.

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	35661
Application Details	WB 1:5000-1:20000
Source	Eukaryota
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.
Clone Names	Clone: 23M01
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.

Protein Information

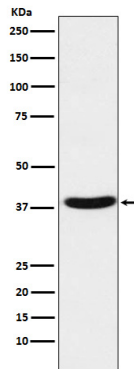
Name	MT-ND1
Synonyms	MTND1, NADH1, ND1
Function	Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) which catalyzes electron transfer from NADH through the respiratory chain, using ubiquinone as an electron acceptor

(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

Images



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

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