

MT-ND1

Reactivity: Human

Tested applications: WB IHC IF IP

Recommended Dilution: WB 1:500 - 1:1000 IHC 1:50 - 1:100 IF 1:50 - 1:100 IP 1:20 - 1:50

Calculated MW: 36kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human MT-ND1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

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Synonym:

MTND1; ND1;

Catalog #: A5250

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 4535

Isotype: IgG

Swiss Prot: P03888

Purity: Affinity purification

For research use only.

Background:

ND1 belongs to the complex I subunit 1 family. ND1 is a core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.

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