

## MT-ND1

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**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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