



[Go to Product page](#)

Datasheet for ABIN7160992  
**anti-MT-ND5 antibody (AA 503-581)**

1 Image

### Overview

Quantity:	100 µg
Target:	MT-ND5
Binding Specificity:	AA 503-581
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MT-ND5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

### Product Details

Immunogen:	Recombinant Human NADH-ubiquinone oxidoreductase chain 5 protein (503-581AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	MT-ND5
Alternative Name:	MT-ND5 ( <a href="#">MT-ND5 Products</a> )
Background:	Background: Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for

## Target Details

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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 (By similarity).  
Aliases: Complex I, subunit ND5 antibody, EC 1.6.5.3 antibody, Mitochondrially encoded NADH dehydrogenase 5 antibody, MT ND5 antibody, MT-ND5 antibody, MTND 5 antibody, MTND5 antibody, NAD5 antibody, NADH dehydrogenase subunit 5 (complex I) antibody, NADH dehydrogenase subunit 5 antibody, NADH ubiquinone oxidoreductase , subunit ND5 antibody, NADH ubiquinone oxidoreductase chain 5 antibody, NADH-ubiquinone oxidoreductase chain 5 antibody, NADH5 antibody, ND5 antibody, NU5M\_HUMAN antibody

UniProt: [P03915](#)

## Application Details

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Application Notes: Recommended dilution: WB:1:500-1:5000,

Restrictions: For Research Use only

## Handling

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Format: Liquid

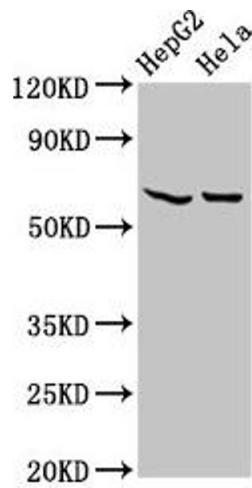
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



### Western Blotting

**Image 1.** Western Blot Positive WB detected in: HepG2 whole cell lysate, HeLa whole cell lysate All lanes: MT-ND5 antibody at 4.6 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 68 kDa Observed band size: 68 kDa