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# anti-MT-ND3 antibody





#### Overview

Quantity:	100 μL
Target:	MT-ND3
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MT-ND3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

#### **Product Details**

Immunogen:	A synthesized peptide derived from human MT-ND3
Isotype:	IgG
Specificity:	MT-ND3 Antibody detects endogenous levels of total MT-ND3
Cross-Reactivity:	Human, Mouse (Murine), Rat (Rattus)
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific).

#### **Target Details**

Target:	MT-ND3
Alternative Name:	MT-ND3 (MT-ND3 Products)
Background:	Description: Core subunit of the mitochondrial membrane respiratory chain NADH

#### **Target Details**

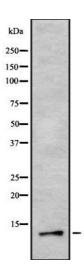
	dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for
	catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain.
	The immediate electron acceptor for the enzyme is believed to be ubiquinone (By similarity).
	Gene: MT-ND3
Molecular Weight:	13 kDa
Gene ID:	4537
UniProt:	P03897

#### **Application Details**

Application Notes:	WB 1:1000-3000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C.Stable for 12 months from date of receipt
Expiry Date:	12 months



## Western Blotting

**Image 1.** Western blot analysis of MT-ND3 using NIH-3T3 whole cell lysates