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Datasheet for ABIN751635  
**anti-MT-ND5 antibody (AA 451-550) (Biotin)**

## Overview

Quantity:	100 µL
Target:	MT-ND5
Binding Specificity:	AA 451-550
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MT-ND5 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MT-ND5
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	Purified by Protein A.

## Target Details

Target:	MT-ND5
Alternative Name:	MT-ND5 ( <a href="#">MT-ND5 Products</a> )
Background:	Synonyms: MTND5, NADH-ubiquinone oxidoreductase chain 5, NADH dehydrogenase subunit

## Target Details

	5, MT-ND5, NADH5, ND5
	Background: 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 (By similarity).
Gene ID:	4540
UniProt:	<a href="#">P03915</a>

## Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months