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anti-MT-ND6 antibody (AA 31-130) (Biotin)



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Quantity:	100 μL
Target:	MT-ND6
Binding Specificity:	AA 31-130
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MT-ND6 antibody is conjugated to Biotin
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse MT-ND6	
Isotype:	IgG	
Cross-Reactivity:	Mouse, Rat	
Predicted Reactivity:	Rabbit	
Purification:	Purified by Protein A.	

Target Details

Target:	MT-ND6	
Alternative Name:	MT-ND6 (MT-ND6 Products)	
Background:	Synonyms: Mitochondrially encoded NADH dehydrogenase 6, NADH-ubiquinone	

oxidoreductase chain 6, MT ND6, mtND6, NADH dehydrogenase subunit 6 (complex I), NADH dehydrogenase subunit 6, NADH ubiquinone oxidoreductase chain 6, NADH Ubiquinone Oxidoreductase subunit ND6, NADH6, ND6, NU6M_HUMAN, NU6M_HUMA

Background: NADH Dehydrogenase subunit 6 (MTND6) is 1 of the 7 mitochondrial DNA (mtDNA) encoded subunits (MTND1, MTND2, MTND3, MTND4L, MTND4, MTND5, MTND6) included among the approximately 41 polypeptides of respiratory Complex I. Complex I accepts electrons from NADH, transfers them to ubiquinone (Coenzyme Q10), and uses the energy released to pump protons across the mitochondria inner membrane. MTND6 has been proposed to be a component of the iron-protein fragment.

Gene ID:

4541

UniProt:

P03923

Application Details

Application Notes:	WB 1:300-5000
Application Notes.	VVD 1.000 0000

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