

Product datasheet

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ARG43966 anti-NDUFA3 antibody

Package: 50 μg Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes NDUFA3

Tested Reactivity Rat
Predict Reactivity Hu

Tested Application ELISA, WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name NDUFA3
Species Human

Immunogen Human NDUFA3 recombinant protein

Conjugation Un-conjugated

Alternate Names NDUFA3; NADH:Ubiquinone Oxidoreductase Subunit A3; B9; NADH Dehydrogenase [Ubiquinone] 1

Alpha Subcomplex Subunit 3; NADH Dehydrogenase (Ubiquinone) 1 Alpha Subcomplex, 3, 9kDa; NADH-

Ubiquinone Oxidoreductase B9 Subunit; Complex I B9 Subunit; Complex I-B9; CI-B9; NADH

Dehydrogenase (Ubiquinone) 1 Alpha Subcomplex, 3 (9kD, B9)

Application Instructions

Application table	Application	Dilution
	ELISA	0.1-0.5 μg/ml
	WB	0.25-0.5 μg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form Liquid

Purification Affinity purified with Immunogen.

Buffer 0.9% NaCl, 0.2% Na2HPO4 and 4% Trehalose.

Stabilizer 4% Trehalose

Concentration 0.5 mg/ml

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Bioinformation

Gene Symbol NDUFA3

Gene Full Name NADH: Ubiquinone Oxidoreductase Subunit A3

Background Involved in mitochondrial respiratory chain complex I assembly. Located in mitochondrion. Part of

mitochondrial respiratory chain complex I.

Function Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I),

that is believed not to be involved in 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

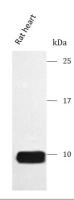
ubiquinone.

Calculated Mw 9 kDa

PTM Acetylation

Cellular Localization Membrane, Mitochondrion, Mitochondrion inner membrane

Images



ARG43966 anti-NDUFA3 antibody WB image

Western blot: Rat hear stained with ARG43966 anti-NDUFA3 antibody at 0.5 $\mu g/mL$ dilution.