

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.

Note

For laboratory research only, not for drug, diagnostic or other 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 heart stained with ARG43966 anti-NDUFA3 antibody at 0.5 µg/mL dilution.