

DATASHEET

NDUFA10 Rabbit Polyclonal Antibody

CAT. NO. APA16257

KEY FEATURES

Target	NDUFA10	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at-20°C

BACKGROUND

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.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

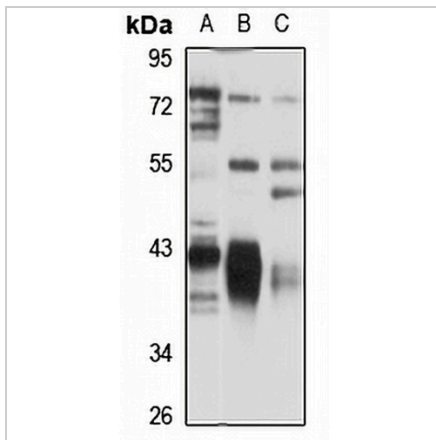
Description	Rabbit polyclonal antibody to NDUFA10
Specificity	Recognizes endogenous levels of NDUFA10 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human NDUFA10. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 40; Observed: 38-42 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10 mitochondrial; Complex I-42kD; CI-42kD; NADH-ubiquinone oxidoreductase 42 kDa subunit
Gene Symbol	NDUFA10
Entrez Gene	4705(Human); 67273(Mouse); 316632; 678759(Rat)
SwissProt	O95299(Human); Q99LC3(Mouse); Q561S0(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of NDUFA10 expression in HL60 (A), mouse kidney (B), rat liver (C) whole cell lysates. (Predicted band size: 40; 48 kD; Observed band size: 38-42 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.