

DATASHEET

NDUFA12 Rabbit Polyclonal Antibody

CAT. NO. APA13572

KEY FEATURES

Target	NDUFA12	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

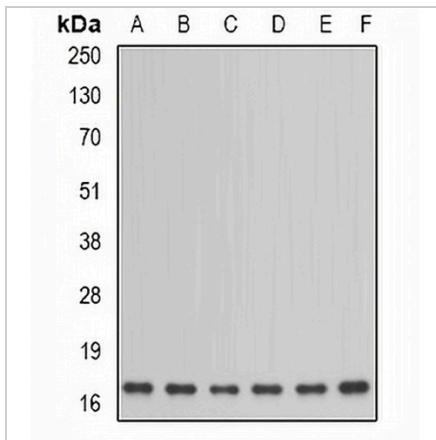
Description	Rabbit polyclonal antibody to NDUFA12
Specificity	Recognizes endogenous levels of NDUFA12 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human NDUFA12
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 7; Observed: 17 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	DAP13; NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12; 13 kDa differentiation-associated protein; Complex I-B17.2; CI-B17.2; CIB17.2; NADH-ubiquinone oxidoreductase subunit B17.2
Gene Symbol	NDUFA12
Entrez Gene	55967(Human); 66414(Mouse)
SwissProt	Q9UI09(Human); Q7TMF3(Mouse)

*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 NDUFA12 expression in HepG2 (A), PC12 (B), mouse kidney (C), mouse testis (D), rat heart (E), rat brain (F) whole cell lysates. (Predicted band size: 7; 17 kD; Observed band size: 17 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.