

**DATASHEET**

**NDUFA3 Rabbit Polyclonal Antibody**

**CAT. NO. ARA6633**

**KEY FEATURES**

Target	NDUFA3	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IHC	Storage	-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 - 1:1000
IHC	1:100 - 1:200

\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

**PRODUCT OVERVIEW**

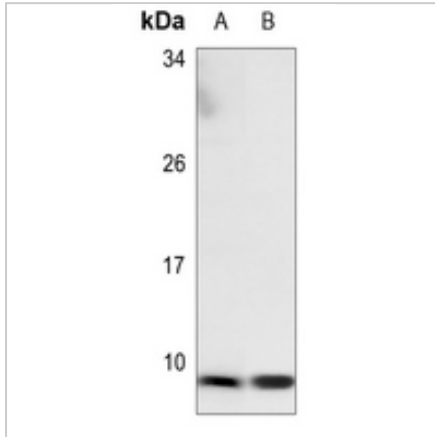
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human NDUFA3. The exact sequence is proprietary
Purification	The antibody was purified by immunogen affinity chromatography
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide
Gene Name	NDUFA3
Alternative Names	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 3; Complex I-B9; CI-B9; NADH-ubiquinone oxidoreductase B9 subunit
Gene ID (Human)	4696
Gene ID (Mouse)	66091
Protein ID (Human)	O95167
Protein ID (Mouse)	Q9C091

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

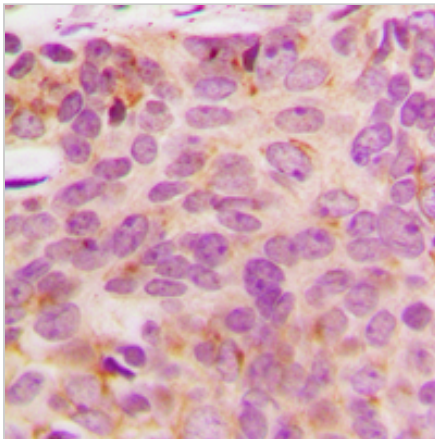
\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of NDUFA3 expression in mouse heart (A), rat heart (B) whole cell lysates. (Predicted band size: 9 kD; Observed band size: 9 kD)



Immunohistochemical analysis of NDUFA3 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

**STORAGE**

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**NOTE**

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

More information: [www.arexbio.com](http://www.arexbio.com)