

NDUFA9 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20542c**Specification**

NDUFA9 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q16795
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	42510
Antigen Region	99-121

NDUFA9 Antibody (Center) - Additional Information**Gene ID** 4704**Other Names**

NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9, mitochondrial, Complex I-39kD, CI-39kD, NADH-ubiquinone oxidoreductase 39 kDa subunit, NDUFA9, NDUF52L

Target/Specificity

This NDUFA9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 99-121 amino acids from the Central region of human NDUFA9.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

NDUFA9 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

NDUFA9 Antibody (Center) - Protein Information**Name** NDUFA9**Synonyms** NDUF52L

Function Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis. Required for proper complex I assembly (PubMed:[28671271](#)). 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.

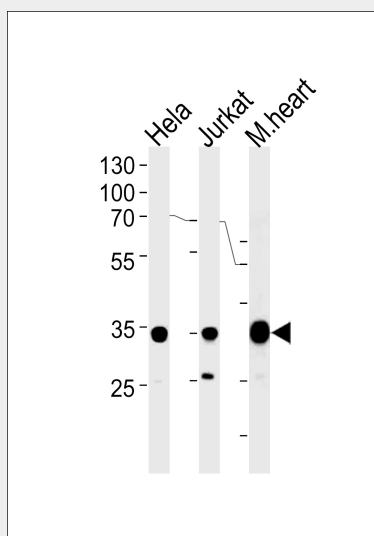
Cellular Location
Mitochondrion matrix

NDUFA9 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NDUFA9 Antibody (Center) - Images



NDUFA9 Antibody (Center) (Cat. #AP20542c) western blot analysis in HeLa, Jurkat cell line and mouse heart tissue lysates (35ug/lane). This demonstrates the NDUFA9 antibody detected the NDUFA9 protein (arrow).

NDUFA9 Antibody (Center) - 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.

NDUFA9 Antibody (Center) - References

Baens M., et al. Genomics 16:214-218(1993).
Loeffen J.L.C.M., et al. Submitted (FEB-1998) to the EMBL/GenBank/DDBJ databases.
Cross S.H., et al. Nat. Genet. 6:236-244(1994).
Murray J., et al. J. Biol. Chem. 278:13619-13622(2003).
Burkard T.R., et al. BMC Syst. Biol. 5:17-17(2011).