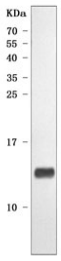
NDUFA2 Antibody (RQ8082)

Catalog No.	Formulation	Size
RQ8082	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O43678
Applications	Western blot: 0.5-1ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This NDUFA2 antibody is available for research use only.



Western blot testing of mouse heart tissue lysate with NDUFA2 antibody. Predicted molecular weight ~11 kDa.

Description

NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2 is a protein that in humans is encoded by the NDUFA2 gene. The encoded protein is a subunit of the hydrophobic protein fraction of the NADH:ubiquinone oxidoreductase (complex 1), the first enzyme complex in the electron transport chain located in the inner mitochondrial membrane, and may be involved in regulating complex I activity or its assembly via assistance in redox processes. Mutations in this gene are associated with Leigh syndrome, an early-onset progressive neurodegenerative disorder. Alternative splicing results in multiple transcript variants.

Application Notes

Optimal dilution of the NDUFA2 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids S7-A99) was used as the immunogen for the NDUFA2 antibody.

Storage

After reconstitution, the NDUFA2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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