

Summary

Production Name	NDUFS5 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	NDUFS5
Alternative Names	NDUFS5; NADH dehydrogenase [ubiquinone] iron-sulfur protein 5; Complex I-15 kDa; CI-15 kDa; NADH-ubiquinone oxidoreductase 15 kDa subunit
Gene ID	4725.0
SwissProt ID	O43920.The antiserum was produced against synthesized peptide derived from human NDUFS5. AA range:57-106

Application

Dilution Ratio	IHC 1:100-1:300 ELISA: 1:40000
Molecular Weight	15kD

Background

Product Name: NDUFS5 Rabbit Polyclonal Antibody
Catalog #: APRab14517

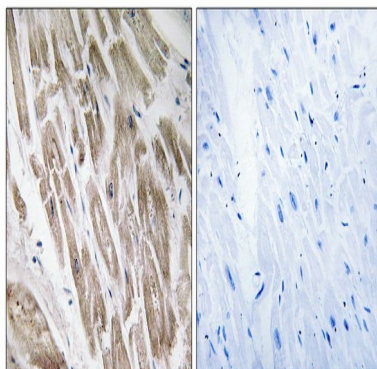


This gene is a member of the NADH dehydrogenase (ubiquinone) iron-sulfur protein family. The encoded protein is a subunit of the NADH:ubiquinone oxidoreductase (complex I), the first enzyme complex in the electron transport chain located in the inner mitochondrial membrane. Alternative splicing results in multiple transcript variants and pseudogenes have been identified on chromosomes 1, 4 and 17. [provided by RefSeq, May 2010],function:Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed to be not 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.,similarity:Belongs to the complex I NDUFS5 subunit family.,subunit:Mammalian complex I is composed of 45 different subunits. This is a component of the iron-sulfur (IP) fragment of the enzyme.,

Research Area

Oxidative phosphorylation;Alzheimer's disease;Parkinson's disease;Huntington's disease;

Image Data



Immunohistochemistry analysis of paraffin-embedded human heart, using NDUFS5 Antibody. The picture on the right is blocked with the synthesized peptide.

Note

For research use only.