

NDUFS5 Antibody (N-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21808a

Specification

NDUFS5 Antibody (N-Term) - Product Information

| | |
|-------------------|------------------------|
| Application | WB,E |
| Primary Accession | O43920 |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | polyclonal |
| Isotype | Rabbit IgG |
| Calculated MW | 12518 |

NDUFS5 Antibody (N-Term) - Additional Information

Gene ID 4725

Other Names

NADH dehydrogenase [ubiquinone] iron-sulfur protein 5, Complex I-15 kDa, CI-15 kDa,
NADH-ubiquinone oxidoreductase 15 kDa subunit, NDUFS5

Target/Specificity

This NDUFS5 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 5-36 amino acids from human NDUFS5.

Dilution

WB~~1:2000

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

NDUFS5 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

NDUFS5 Antibody (N-Term) - Protein Information

Name NDUFS5

Function 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.

Cellular Location

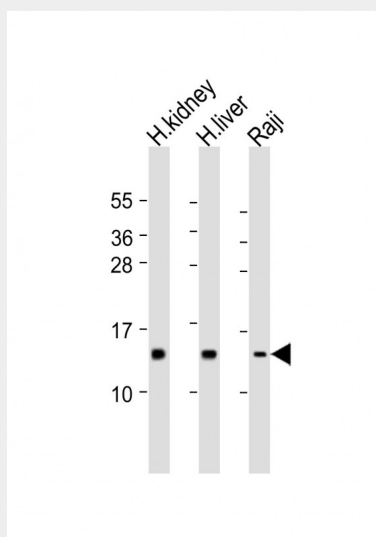
Mitochondrion inner membrane; Peripheral membrane protein. Mitochondrion intermembrane space

NDUFS5 Antibody (N-Term) - 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](#)

NDUFS5 Antibody (N-Term) - Images



All lanes : Anti-NDUFS5 Antibody (N-Term) at 1:2000 dilution Lane 1: human kidney lysate Lane 2: human liver lysate Lane 3: Raji whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 13 kDa Blocking/Dilution buffer: 5% NFDN/TBST.

NDUFS5 Antibody (N-Term) - 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.

NDUFS5 Antibody (N-Term) - References

Mao M.,et al.Proc. Natl. Acad. Sci. U.S.A. 95:8175-8180(1998).
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Murray J., et al. J. Biol. Chem. 278:13619-13622(2003).
Burkard T.R., et al. BMC Syst. Biol. 5:17-17(2011).
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