

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

**Specification**

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**NDUFS5 Antibody (N-Term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O43920</a>
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  
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**

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

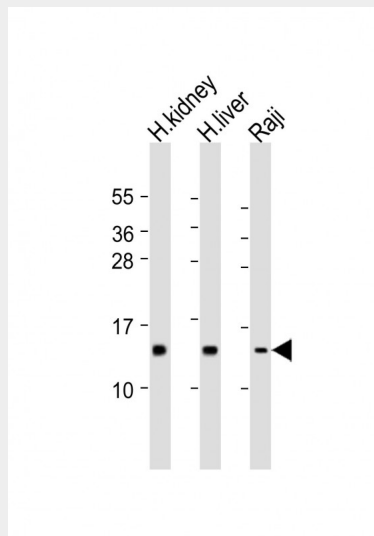
Mitochondrion inner membrane; Peripheral membrane protein. Mitochondrion intermembrane space

#### 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% NFDM/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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