

**NDUFA7 Antibody (Internal)**  
**Goat Polyclonal Antibody**  
**Catalog # ALS15869****Specification**

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**NDUFA7 Antibody (Internal) - Product Information**

Application	IHC, WB
Primary Accession	<a href="#">O95182</a>
Reactivity	Human, Mouse, Rat, Rabbit, Hamster, Bovine
Host	Goat
Clonality	Polyclonal
Calculated MW	13kDa KDa

**NDUFA7 Antibody (Internal) - Additional Information****Gene ID** 4701**Other Names**

NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 7, Complex I-B14.5a, CI-B14.5a, NADH-ubiquinone oxidoreductase subunit B14.5a, NDUFA7

**Target/Specificity**

Human NDUFA7.

**Reconstitution & Storage**

Store at -20°C. Minimize freezing and thawing.

**Precautions**

NDUFA7 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

**NDUFA7 Antibody (Internal) - Protein Information****Name** NDUFA7**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**

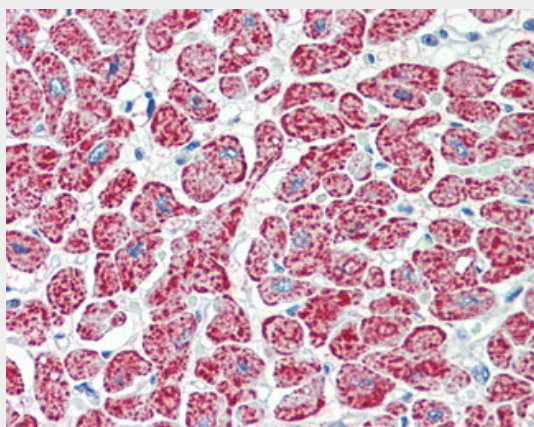
Mitochondrion inner membrane; Peripheral membrane protein; Matrix side

**NDUFA7 Antibody (Internal) - 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](#)

#### **NDUFA7 Antibody (Internal) - Images**



Anti-NDUFA7 antibody IHC staining of human heart.



NDUFA7 antibody (0.1 ug/ml) staining of Human Heart lysate (35 ug protein in RIPA buffer).

#### **NDUFA7 Antibody (Internal) - 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.

#### **NDUFA7 Antibody (Internal) - References**

- Loeffen J.L.C.M., et al. *Biochem. Biophys. Res. Commun.* 253:415-422(1998).  
Zhang Q.-H., et al. *Genome Res.* 10:1546-1560(2000).  
Murray J., et al. *J. Biol. Chem.* 278:13619-13622(2003).  
Burkard T.R., et al. *BMC Syst. Biol.* 5:17-17(2011).