

NDUFA7 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3834a

Specification

NDUFA7 Antibody (internal region) - Product Information

Application	IHC, WB
Primary Accession	O95182
Other Accession	NP_004992.2 , 4701 , 66416 (mouse) , 299643 (rat)
Reactivity	Human, Mouse, Rat, Pig
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	12551

NDUFA7 Antibody (internal region) - 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

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

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

NDUFA7 Antibody (internal region) - 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

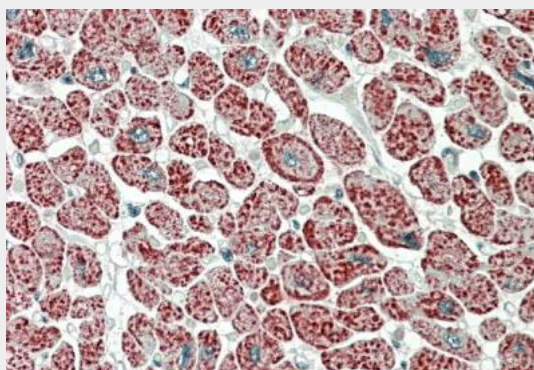
Mitochondrion inner membrane; Peripheral membrane protein; Matrix side

NDUFA7 Antibody (internal region) - 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 region) - Images



AF3834a (5 $\mu\text{g/ml}$) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



AF3834a (0.1 $\mu\text{g/ml}$) staining of Human Heart lysate (35 μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NDUFA7 Antibody (internal region) - References

Genetic variants in nuclear-encoded mitochondrial genes influence AIDS progression. Hendrickson

SL, Lautenberger JA, Chinn LW, Malasky M, Sezgin E, Kingsley LA, Goedert JJ, Kirk GD, Gomperts ED, Buchbinder SP, Troyer JL, O'Brien SJ. PLoS One. 2010 Sep 21;5(9):e12862. PMID: 20877624