

# NDUFA7 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21706b

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">O95182</a>
<b>Reactivity</b>	Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB53480
<b>Calculated MW</b>	12551

## Additional Information

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<b>Gene ID</b>	4701
<b>Other Names</b>	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 7, Complex I-B145a, CI-B145a, NADH-ubiquinone oxidoreductase subunit B145a, NDUFA7
<b>Target/Specificity</b>	This NDUFA7 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 80-110 amino acids from human NDUFA7.
<b>Dilution</b>	WB~~1:2000 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	NDUFA7 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	NDUFA7
<b>Function</b>	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

## 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.

## References

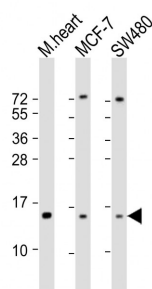
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Zhang Q.-H.,et al.Genome Res. 10:1546-1560(2000).

Murray J.,et al.J. Biol. Chem. 278:13619-13622(2003).

Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).

## Images



All lanes : Anti-NDUFA7 Antibody (C-Term) at 1:2000 dilution Lane 1: mouse heart lysate Lane 2: MCF-7 whole cell lysate Lane 3: SW480 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.