



# NDUFA4 rabbit pAb

Cat No.:ES2906

For research use only

## Overview

<b>Product Name</b>	NDUFA4 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human NDUFA4. AA range:32-81
<b>Specificity</b>	NDUFA4 Polyclonal Antibody detects endogenous levels of NDUFA4 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C . Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 4
<b>Gene Name</b>	NDUFA4
<b>Cellular localization</b>	Mitochondrion inner membrane ; Single-pass membrane protein .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	9kD
<b>Human Gene ID</b>	4697
<b>Human Swiss-Prot Number</b>	O00483
<b>Alternative Names</b>	NDUFA4; NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 4; Complex I-MLRQ; CI-MLRQ; NADH-ubiquinone oxidoreductase MLRQ subunit
<b>Background</b>	The protein encoded by this gene belongs to the





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complex I 9kDa subunit family. Mammalian complex I of mitochondrial respiratory chain is composed of 45 different subunits. This protein has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. [provided by RefSeq, Jul 2008],



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