



# NDUFC2 rabbit pAb

Cat No.:ES6346

For research use only

## Overview

<b>Product Name</b>	NDUFC2 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat
<b>Recommended dilutions</b>	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 NDUC2. AA range:51-100
<b>Specificity</b>	NDUFC2 Polyclonal Antibody detects endogenous levels of NDUFC2 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 subunit C2
<b>Gene Name</b>	NDUFC2
<b>Cellular localization</b>	Mitochondrion inner membrane ; Single-pass membrane protein ; Matrix side .
<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>	
<b>Human Gene ID</b>	4718
<b>Human Swiss-Prot Number</b>	O95298
<b>Alternative Names</b>	NDUFC2; HLC1; NADH dehydrogenase [ubiquinone] 1 subunit C2; Complex I-B14.5b; CI-B14.5b; Human lung cancer oncogene 1 protein; HLC-1; NADH-ubiquinone oxidoreductase subunit B14.5b
<b>Background</b>	function:Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed to be not involved in

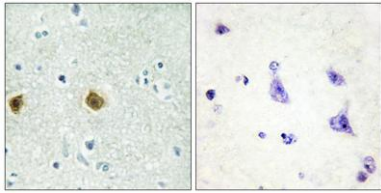




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catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.,similarity:Belongs to the complex I NDUF2 subunit family.,subunit:Complex I is composed of 45 different subunits.,

Immunohistochemistry analysis of paraffin-embedded human brain tissue, using NDUC2 Antibody. The picture on the right is blocked with the synthesized peptide.



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