

## NDUFC2 Polyclonal Antibody

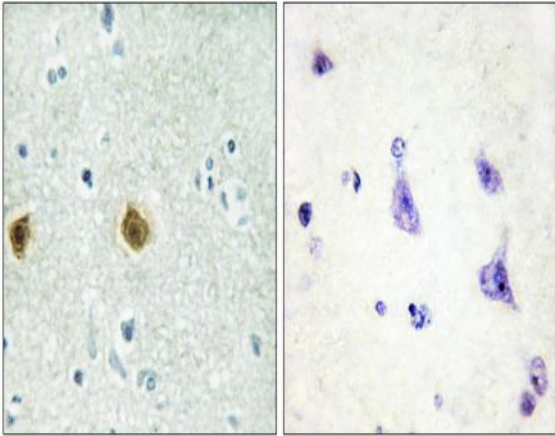
<b>Catalog No :</b>	YT3016
<b>Reactivity :</b>	Human;Rat
<b>Applications :</b>	IHC;IF;ELISA
<b>Target :</b>	NDUFC2
<b>Fields :</b>	>>Oxidative phosphorylation;>>Metabolic pathways;>>Thermogenesis;>>Retrograde endocannabinoid signaling;>>Non-alcoholic fatty liver disease;>>Alzheimer disease;>>Parkinson disease;>>Amyotrophic lateral sclerosis;>>Huntington disease;>>Prion disease;>>Pathways of neurodegeneration - multiple diseases;>>Chemical carcinogenesis - reactive oxygen species;>>Diabetic cardiomyopathy
<b>Gene Name :</b>	NDUFC2
<b>Protein Name :</b>	NADH dehydrogenase [ubiquinone] 1 subunit C2
<b>Human Gene Id :</b>	4718
<b>Human Swiss Prot No :</b>	O95298
<b>Mouse Swiss Prot No :</b>	Q9CQ54
<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>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	IHC 1:100 - 1:300. ELISA: 1:10000.. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

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<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Molecularweight :</b>	14kD
<b>Cell Pathway :</b>	Oxidative phosphorylation;Alzheimer's disease;Parkinson's disease;Huntington's disease;
<b>Background :</b>	function:Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed to be not 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.,similarity:Belongs to the complex I NDUFC2 subunit family.,subunit:Complex I is composed of 45 different subunits.,
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<b>Subcellular Location :</b>	Mitochondrion inner membrane ; Single-pass membrane protein ; Matrix side .
<b>Expression :</b>	Kidney,Ovary,Umbilical cord blood,
<b>Sort :</b>	10642
<b>No4 :</b>	1
<b>Host :</b>	Rabbit
<b>Modifications :</b>	Unmodified

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## Products Images



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