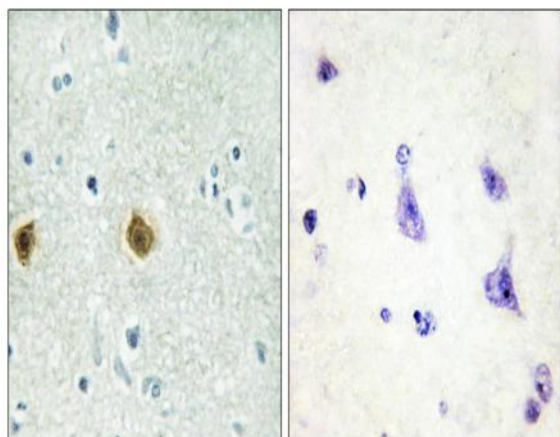


NDUFC2 Polyclonal Antibody

Catalog No :	YT3016
Reactivity :	Human;Rat
Applications :	IHC;IF;ELISA
Target :	NDUFC2
Fields :	>>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
Gene Name :	NDUFC2
Protein Name :	NADH dehydrogenase [ubiquinone] 1 subunit C2
Human Gene Id :	4718
Human Swiss Prot No :	O95298
Mouse Swiss Prot No :	Q9CQ54
Immunogen :	The antiserum was produced against synthesized peptide derived from human NDUC2. AA range:51-100
Specificity :	NDUFC2 Polyclonal Antibody detects endogenous levels of NDUFC2 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	IHC 1:100 - 1:300. ELISA: 1:10000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	14kD
Cell Pathway :	Oxidative phosphorylation;Alzheimer's disease;Parkinson's disease;Huntington's disease;
Background :	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.,
Function :	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.,
Subcellular Location :	Mitochondrion inner membrane ; Single-pass membrane protein ; Matrix side .
Expression :	Kidney,Ovary,Umbilical cord blood,

Products Images



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