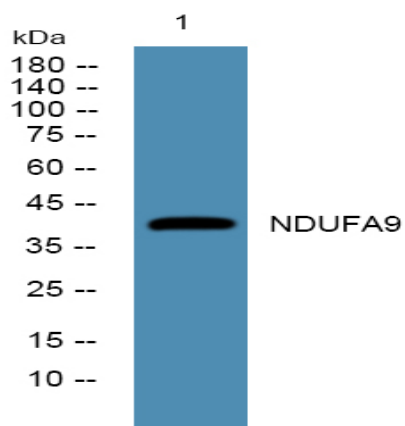


NDUFA9 Polyclonal Antibody

Catalog No :	YT3011
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	NDUFA9
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 :	NDUFA9
Protein Name :	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9 mitochondrial
Human Gene Id :	4704
Human Swiss Prot No :	Q16795
Mouse Gene Id :	66108
Mouse Swiss Prot No :	Q9DC69
Rat Gene Id :	362440
Rat Swiss Prot No :	Q5BK63
Immunogen :	The antiserum was produced against synthesized peptide derived from human NDUFA9. AA range:87-136
Specificity :	NDUFA9 Polyclonal Antibody detects endogenous levels of NDUFA9 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.
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)
Observed Band :	40kD
Cell Pathway :	Oxidative phosphorylation;Alzheimer's disease;Parkinson's disease;Huntington's disease;
Background :	The encoded protein is a subunit of the hydrophobic protein fraction of the NADH:ubiquinone oxidoreductase (complex I), the first enzyme complex in the electron transport chain located in the inner mitochondrial membrane. A pseudogene has been identified on chromosome 12. [provided by RefSeq, May 2010],
Function :	cofactor: Binds 1 FAD per subunit.,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 NDUFA9 subunit family.,subunit: Complex I is composed of 45 different subunits. This a component of the hydrophobic protein fraction.,
Subcellular Location :	Mitochondrion matrix .
Expression :	Blood,Colon,Liver,Muscle,Placenta,Skeletal muscle,
Sort :	10637
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

Products Images



Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4° over night