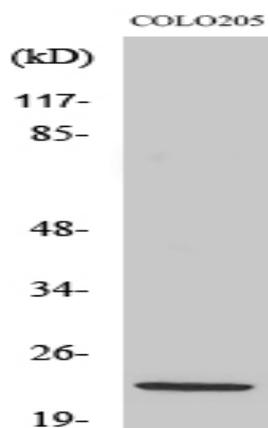


NDUFB10 Polyclonal Antibody

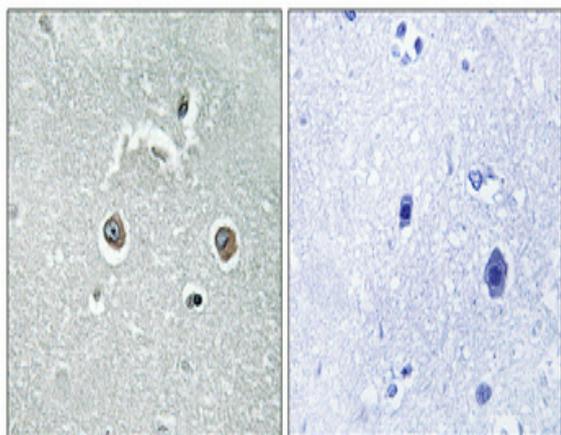
Catalog No :	YT3013
Reactivity :	Human;Mouse
Applications :	WB;IHC;IF;ELISA
Target :	NDUFB10
Fields :	>>Oxidative phosphorylation;>>Metabolic pathways;>>Thermogenesis;>>Retrograde endocannabinoid signaling;>>Non-alcoholic fatty liver disease;>>Alzheimer disease;>>Parkinson disease;>>Amyotrophic lateral sclerosis;>>Huntington disease;>>Prion disease;>>Pathways of neurodegeneration - multiple diseases;>>Chemical carcinogenesis - reactive oxygen species;>>Diabetic cardiomyopathy
Gene Name :	NDUFB10
Protein Name :	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10
Human Gene Id :	4716
Human Swiss Prot No :	O96000
Mouse Swiss Prot No :	Q9DCS9
Immunogen :	The antiserum was produced against synthesized peptide derived from human NDUFB10. AA range:63-112
Specificity :	NDUFB10 Polyclonal Antibody detects endogenous levels of NDUFB10 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. IHC 1:100 - 1:300. ELISA: 1:40000.. 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)
Observed Band :	24kD
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 NDUF10 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 NDUF10 subunit family.,subunit:Complex I is composed of 45 different subunits.,
Subcellular Location :	Mitochondrion inner membrane ; Peripheral membrane protein ; Matrix side .
Expression :	Cerebellum,Ovary,Skeletal muscle,Skin,Umbilical cord blood,

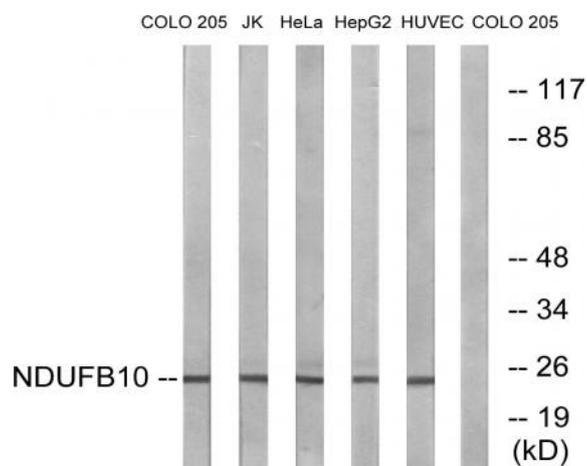
Products Images



Western Blot analysis of various cells using NDUF10 Polyclonal Antibody



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.



Western blot analysis of lysates from COLO, Jurkat, HeLa, HepG2, and HUVEC cells, using NDUFB10 Antibody. The lane on the right is blocked with the synthesized peptide.