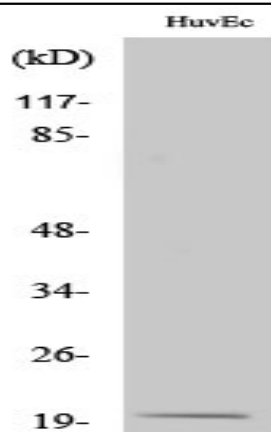


NDUFA8 Polyclonal Antibody

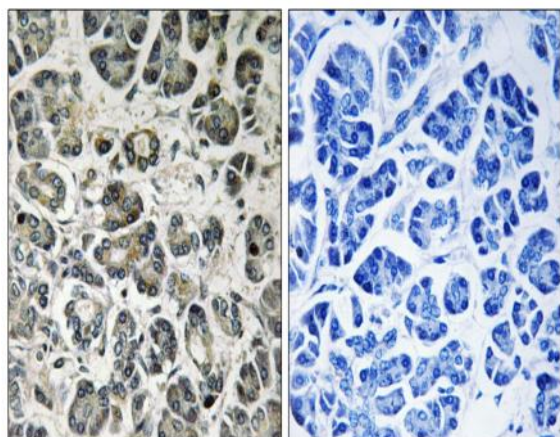
Catalog No :	YT3010
Reactivity :	Human;Mouse
Applications :	WB;IHC;IF;ELISA
Target :	NDUFA8
Fields :	>>Oxidative phosphorylation;>>Metabolic pathways;>>Thermogenesis;>>Retrograde endocannabinoid signaling;>>Non-alcoholic fatty liver disease;>>Alzheimer disease;>>Parkinson disease;>>Amyotrophic lateral sclerosis;>>Huntington disease;>>Prion disease;>>Pathways of neurodegeneration - multiple diseases;>>Chemical carcinogenesis - reactive oxygen species;>>Diabetic cardiomyopathy
Gene Name :	NDUFA8
Protein Name :	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8
Human Gene Id :	4702
Human Swiss Prot No :	P51970
Mouse Gene Id :	68375
Mouse Swiss Prot No :	Q9DCJ5
Immunogen :	The antiserum was produced against synthesized peptide derived from human NDUFA8. AA range:109-158
Specificity :	NDUFA8 Polyclonal Antibody detects endogenous levels of NDUFA8 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 :	22kD
Cell Pathway :	Oxidative phosphorylation;Alzheimer's disease;Parkinson's disease;Huntington's disease;
Background :	The protein encoded by this gene belongs to the complex I 19 kDa subunit family. Mammalian complex I is composed of 45 different subunits. This protein has NADH dehydrogenase activity and oxidoreductase activity. It plays an important role in transferring electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2015],
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 NDUFA8 subunit family.,similarity:Contains 2 CHCH domains.,subunit:Complex I is composed of 45 different subunits.,
Subcellular Location :	Mitochondrion inner membrane ; Peripheral membrane protein . Mitochondrion intermembrane space . Mitochondrion .
Expression :	Kidney,Lymph,Thalamus,
Sort :	10636
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

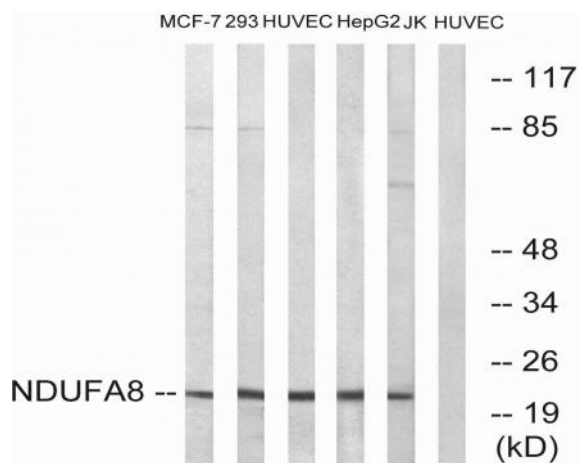
Products Images



Western Blot analysis of various cells using NDUFA8 Polyclonal Antibody diluted at 1:1000



Immunohistochemistry analysis of paraffin-embedded human pancreas tissue, using NDUFA8 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HUVEC, MCF-7, Jurkat, HepG2, and 293 cells, using NDUFA8 Antibody. The lane on the right is blocked with the synthesized peptide.