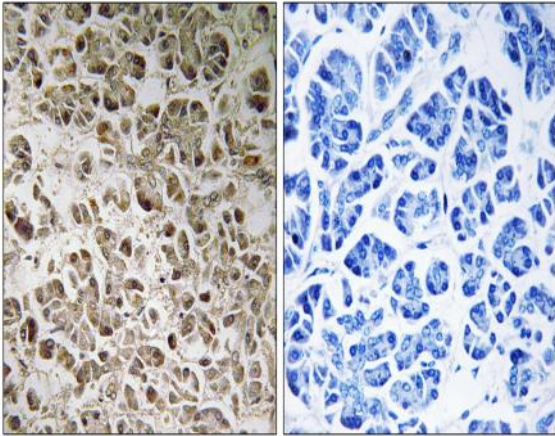


NDUFB1 Polyclonal Antibody

Catalog No :	YT3012
Reactivity :	Human;Rat;Mouse;
Applications :	IHC;IF;ELISA
Target :	NDUFB1
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 :	NDUFB1
Protein Name :	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 1
Human Gene Id :	4707
Human Swiss Prot No :	O75438
Immunogen :	The antiserum was produced against synthesized peptide derived from human NDUFB1. AA range:7-56
Specificity :	NDUFB1 Polyclonal Antibody detects endogenous levels of NDUFB1 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: 1:20000.. 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 :	<u>-15°C to -25°C/1 year(Do not lower than -25°C)</u>
Molecularweight :	<u>7kD</u>
Cell Pathway :	<u>Oxidative phosphorylation;Alzheimer's disease;Parkinson's disease;Huntington's disease;</u>
Background :	<u>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 NDUFB1 subunit family.,subunit:Complex I is composed of 45 different subunits.,</u>
Function :	<u>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 NDUFB1 subunit family.,subunit:Complex I is composed of 45 different subunits.,</u>
Subcellular Location :	<u>Mitochondrion inner membrane ; Single-pass membrane protein ; Matrix side .</u>
Expression :	<u>Pancreas,Pooled,Umbilical cord blood,</u>
Sort :	<u>10638</u>
No4 :	<u>1</u>
Host :	<u>Rabbit</u>
Modifications :	<u>Unmodified</u>

Products Images



Immunohistochemistry analysis of paraffin-embedded human pancreas, using NDUFB1 Antibody. The picture on the right is blocked with the synthesized peptide.