

NDUFB1 rabbit pAb

Cat No.:ES6344

For research use only

Overview

Product Name NDUFB1 rabbit pAb

Host species Rabbit IHC;IF;ELISA **Applications**

Species Cross-Reactivity Human; Rat; Mouse;

Recommended dilutions Immunohistochemistry: 1/100 - 1/300. ELISA:

1/20000. Not yet tested in other applications.

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.

Store at -20°C. Avoid repeated freeze-thaw cycles. Storage

Protein Name NADH dehydrogenase [ubiquinone] 1 beta

subcomplex subunit 1

Gene Name NDUFB1

Cellular localization Mitochondrion inner membrane; Single-pass

membrane protein; Matrix side.

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

Observed band

Human Gene ID 4707 **Human Swiss-Prot Number** 075438

Alternative Names NDUFB1; NADH dehydrogenase [ubiquinone] 1 beta

> subcomplex subunit 1; Complex I-MNLL; CI-MNLL; NADH-ubiquinone oxidoreductase MNLL subunit function: Accessory subunit of the mitochondrial

Background

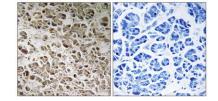
membrane respiratory chain NADH dehydrogenase (Complex I), that is believed to be not involved in





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.,

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



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