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Anti-NDUFB1 Antibody

Catalog # AP53858

Product Information

Application	WB, IHC
Primary Accession	O75438
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	6961

Additional Information

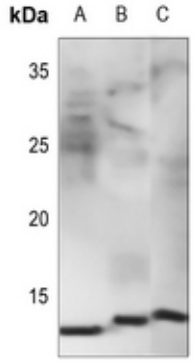
Gene ID	4707
Other Names	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 1; Complex I-MNLL; CI-MNLL; NADH-ubiquinone oxidoreductase MNLL subunit
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human NDUFB1. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000 IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

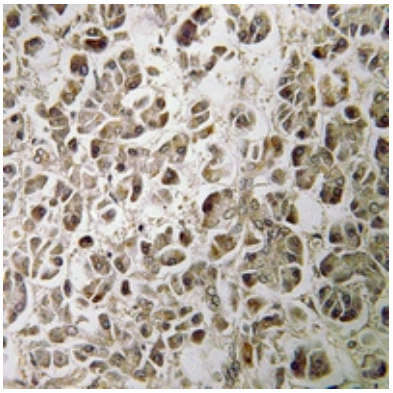
Name	NDUFB1
Function	Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed not to be involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.
Cellular Location	Mitochondrion inner membrane; Single-pass membrane protein; Matrix side

Images

Western blot analysis of NDUFB1 expression in Hela (A), U2OS (B), rat kidney (C) whole cell lysates. (Predicted



band size: 6 kD; Observed band size: 7 kD)



Immunohistochemical analysis of NDUFB1 staining in human pancreas formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.