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Anti-NDUFB7 Antibody

Catalog # AP60193

Product Information

Application	WB, IHC
Primary Accession	P17568
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	16402

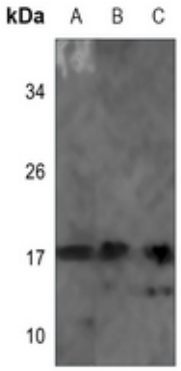
Additional Information

Gene ID	4713
Other Names	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7; Cell adhesion protein SQM1; Complex I-B18; CI-B18; NADH-ubiquinone oxidoreductase B18 subunit
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human NDUFB7. The exact sequence is proprietary.
Dilution	WB~~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

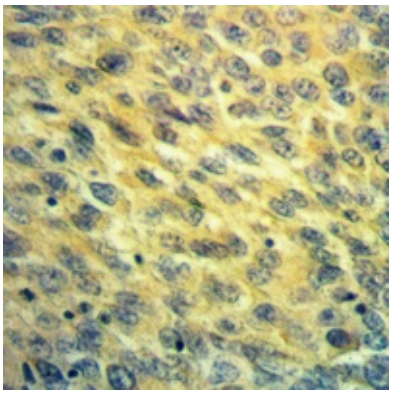
Protein Information

Name	NDUFB7
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; Peripheral membrane protein. Mitochondrion intermembrane space

Images



Western blot analysis of NDUFB7 expression in HEK293T (A), mouse liver (B), rat heart (C) whole cell lysates. (Predicted band size: 16 kD; Observed band size: 17 kD)



Immunohistochemical analysis of NDUFB7 staining in human liver cancer 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'.