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Anti-NDUFA8 Antibody

Rabbit polyclonal antibody to NDUFA8
Catalog # AP59632

Product Information

Application	WB, IP, IHC
Primary Accession	P51970
Other Accession	Q9DCJ5
Reactivity	Human, Mouse, Rat, Monkey, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	20105

Additional Information

Gene ID	4702
Other Names	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8; Complex I-19kD; CI-19kD; Complex I-PGIV; CI-PGIV; NADH-ubiquinone oxidoreductase 19 kDa subunit
Target/Specificity	Recognizes endogenous levels of NDUFA8 protein.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200), IP (1/10 - 1/100) IP~~N/A IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200), IP (1/10 - 1/100)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

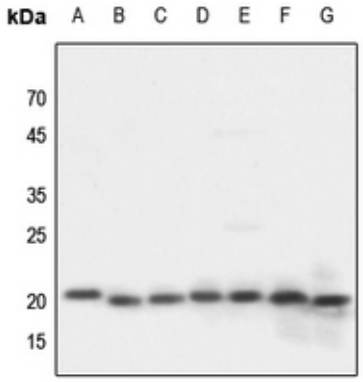
Protein Information

Name	NDUFA8
Function	Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis (PubMed:27626371, PubMed:32385911, PubMed:33153867). Complex I functions in the transfer of electrons from NADH to the respiratory chain (PubMed:27626371). The immediate electron acceptor for the enzyme is believed to be ubiquinone (PubMed:27626371).
Cellular Location	Mitochondrion inner membrane; Peripheral membrane protein. Mitochondrion intermembrane space. Mitochondrion

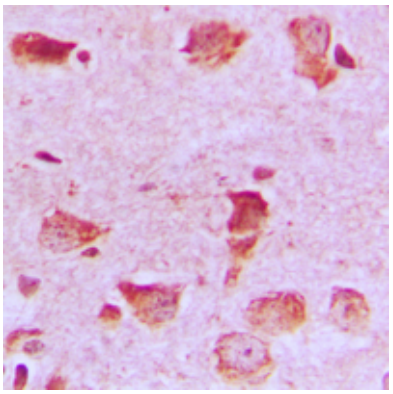
Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human NDUFA8. The exact sequence is proprietary.

Images



Western blot analysis of NDUFA8 expression in HEK293T (A), Hela (B), A2780 (C), HepG2 (D), mouse muscle (E), mouse kidney (F), rat kidney (G) whole cell lysates.



Immunohistochemical analysis of NDUFA8 staining in human brain 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.