

Anti-NDUFC1 Antibody

Catalog # AP54043

Product Information

Application	WB, IHC
Primary Accession	O43677
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	8734

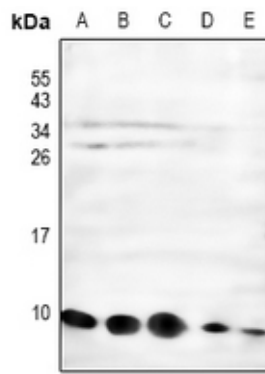
Additional Information

Gene ID	4717
Other Names	NADH dehydrogenase [ubiquinone] 1 subunit C1 mitochondrial; Complex I-KFYI; CI-KFYI; NADH-ubiquinone oxidoreductase KFYI subunit
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human NDUFC1. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000 IHC~~1/50 - 1/200
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

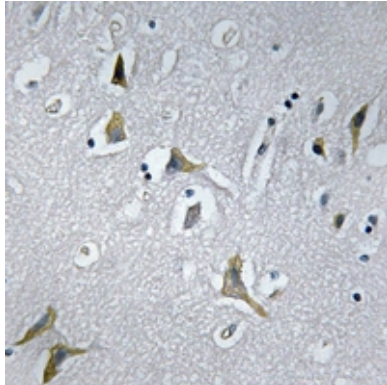
Protein Information

Name	NDUFC1
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 {ECO:0000250 UniProtKB:Q02376}; Single-pass membrane protein {ECO:0000250 UniProtKB:Q02376}; Matrix side {ECO:0000250 UniProtKB:Q02376}

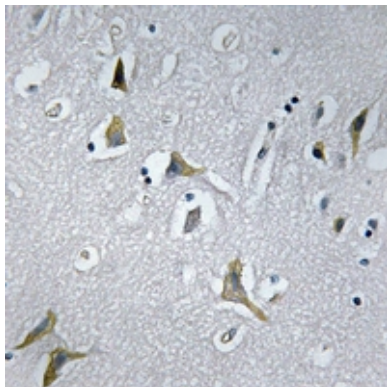
Images



Western blot analysis of NDUFC1 expression in LOVO (A), SGC7901 (B), HEK293T (C), mouse kidney (D), rat brain (E) whole cell lysates. (Predicted band size: 8 kD; Observed band size: 9 kD)



Immunohistochemical analysis of NDUFC1 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.



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