

Anti-NDUFC2 Antibody

Rabbit polyclonal antibody to NDUFC2

Catalog # AP61194

Product Information

Application	WB, IHC
Primary Accession	O95298
Other Accession	Q9CQ54
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	14188

Additional Information

Gene ID	4718
Other Names	NADH dehydrogenase [ubiquinone] 1 subunit C2; Complex I-B14.5b; CI-B14.5b; Human lung cancer oncogene 1 protein; HLC-1; NADH-ubiquinone oxidoreductase subunit B14.5b
Target/Specificity	Recognizes endogenous levels of NDUFC2 protein.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/50 - 1/200) IHC~~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 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

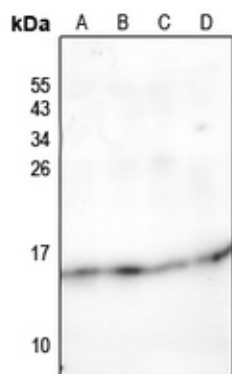
Protein Information

Name	NDUFC2 (HGNC:7706)
Function	Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis but required for the complex assembly. 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

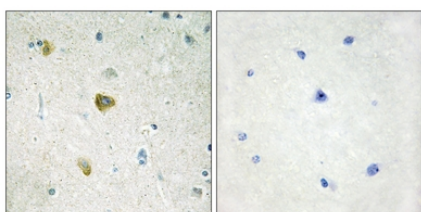
Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human NDUFC2. The exact sequence is proprietary.

Images



Western blot analysis of NDUFC2 expression in A375 (A), PC3 (B), H9C2 (C), AML12 (D) whole cell lysates.



Immunohistochemical analysis of NDUFC2 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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