

Anti-NDUFC2 Antibody

Rabbit polyclonal antibody to NDUFC2 Catalog # AP61194

Specification

Anti-NDUFC2 Antibody - Product Information

Application WB, IHC
Primary Accession 095298
Other Accession 09C054

Reactivity Human, Mouse, Rat

Host Rabbit Clonality Polyclonal Calculated MW 14188

Anti-NDUFC2 Antibody - 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), IH (1/50 - 1/200) IHC~~1:100~500

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

Anti-NDUFC2 Antibody - 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

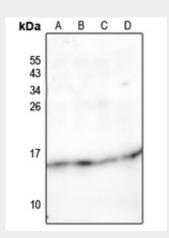


Anti-NDUFC2 Antibody - Protocols

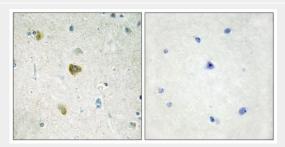
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Anti-NDUFC2 Antibody - 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.

Anti-NDUFC2 Antibody - Background

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