# NDUFC2 Polyclonal Antibody

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| **Catalog No** | YP-Ab-02706 |
| **Isotype** | IgG |
| **Reactivity** | Human;Rat |
| **Applications** | IHC;IF;ELISA |
| **Gene Name** | NDUFC2 |
| **Protein Name** | NADH dehydrogenase [ubiquinone] 1 subunit C2 |
| **Immunogen** | The antiserum was produced against synthesized peptide derived from human NDUC2. AA range:51-100 |
| **Specificity** | NDUFC2 Polyclonal Antibody detects endogenous levels of NDUFC2 protein. |
| **Formulation** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Source** | Polyclonal, Rabbit,IgG |
| **Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Dilution** | IHC: 1/100 - 1/300. ELISA: 1/10000.. IF 1:50-200 |
| **Concentration** | 1 mg/ml |
| **Purity** | ≥90% |
| **Storage Stability** | -20°C/1 year |
| **Synonyms** | NDUFC2; HLC1; 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 |
| **Observed Band** | |
| **Cell Pathway** | Mitochondrion inner membrane ; Single-pass membrane protein ; Matrix side . |
| **Tissue Specificity** | Kidney,Ovary,Umbilical cord blood, |
| **Function** | function:Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed to be not 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.,similarity:Belongs to the complex I NDUFC2 subunit family.,subunit:Complex I is composed of 45 different subunits., |
| **Background** | function:Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed to be not 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.,similarity:Belongs to the complex I NDUFC2 subunit family.,subunit:Complex I is composed of 45 different subunits., |

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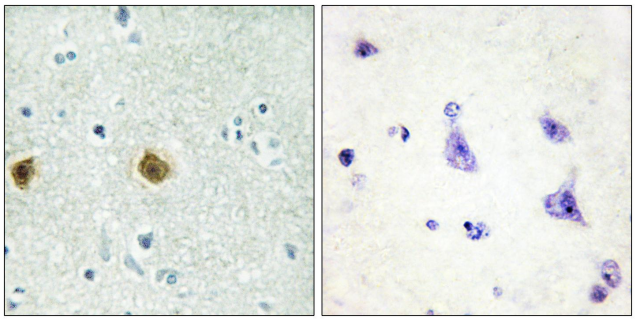
| **matters needing attention** | Avoid repeated freezing and thawing! |
| **Usage suggestions** | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel. |

## Products Images



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using NDUC2 Antibody. The picture on the right is blocked with the synthesized peptide.