

Anti-NDUFV2 Antibody
Rabbit polyclonal antibody to NDUFV2
Catalog # AP59633

Specification

Anti-NDUFV2 Antibody - Product Information

| | |
|-------------------|------------------------|
| Application | WB |
| Primary Accession | P19404 |
| Other Accession | O9D6J6 |
| Reactivity | Human, Mouse, Rat, Pig |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 27392 |

Anti-NDUFV2 Antibody - Additional Information

Gene ID 4729

Other Names

NADH dehydrogenase [ubiquinone] flavoprotein 2 mitochondrial; NADH-ubiquinone oxidoreductase 24 kDa subunit

Target/Specificity

Recognizes endogenous levels of NDUFV2 protein.

Dilution

WB~~WB (1/500 - 1/1000), 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

Anti-NDUFV2 Antibody - Protein Information

Name NDUFV2 ([HGNC:7717](#))

Function

Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) which catalyzes electron transfer from NADH through the respiratory chain, using ubiquinone as an electron acceptor (Probable). Parts of the peripheral arm of the enzyme, where the electrons from NADH are accepted by flavin mononucleotide (FMN) and then passed along a chain of iron-sulfur clusters by electron tunnelling to the final acceptor ubiquinone (Probable). Contains one iron-sulfur cluster (Probable).

Cellular Location

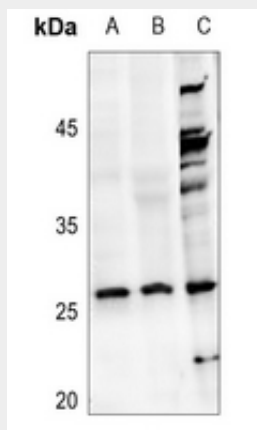
Mitochondrion inner membrane {ECO:0000250|UniProtKB:P04394}; Peripheral membrane protein {ECO:0000250|UniProtKB:P04394}; Matrix side {ECO:0000250|UniProtKB:P04394}

Anti-NDUFV2 Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-NDUFV2 Antibody - Images



Western blot analysis of NDUFV2 expression in mouse brain (A), rat stomach (B), THP1 (C) whole cell lysates.

Anti-NDUFV2 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human NDUFV2. The exact sequence is proprietary.