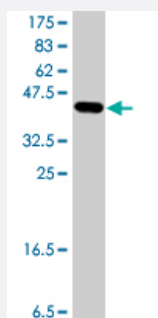


# NDUFV3 polyclonal antibody (A01)

Catalog # H00004731-A01

Size 50 uL

## Applications



Western Blot detection against Immunogen (37.11 KDa) .

## Specification

|                                      |                                                                                                          |
|--------------------------------------|----------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Mouse polyclonal antibody raised against a partial recombinant NDUFV3.                                   |
| <b>Immunogen</b>                     | NDUFV3 (NP_077718, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag.                           |
| <b>Sequence</b>                      | MAAPCLLRQGRAGALKTMLQEAQVFRGLASTVSLSAESGKSEKGQPQNSKKQSPPKNVVEPKE<br>RGKLLATQTAAELSKNLSSPSSYPVAVNKGRKVASPS |
| <b>Host</b>                          | Mouse                                                                                                    |
| <b>Reactivity</b>                    | Human                                                                                                    |
| <b>Interspecies Antigen Sequence</b> | Mouse (54); Rat (56)                                                                                     |
| <b>Quality Control Testing</b>       | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (37.11 KDa) . |
| <b>Storage Buffer</b>                | 50 % glycerol                                                                                            |
| <b>Storage Instruction</b>           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                 |

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — NDUFV3

Entrez GeneID [4731](#)

GeneBank Accession# [NM\\_021075](#)

Protein Accession# [NP\\_077718](#)

Gene Name NDUFV3

Gene Alias CI-9KD

Gene Description NADH dehydrogenase (ubiquinone) flavoprotein 3, 10kDa

Omim ID [602184](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** The protein encoded by this gene is one of at least forty-one subunits that make up the NADH-ubiquinone oxidoreductase complex. This complex is part of the mitochondrial respiratory chain and serves to catalyze the rotenone-sensitive oxidation of NADH and the reduction of ubiquinone. The encoded protein is one of three proteins found in the flavoprotein fraction of the complex. The specific function of the encoded protein is unknown. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations** NADH dehydrogenase (ubiquinone) flavoprotein 3 (10kD)|NADH-ubiquinone oxidoreductase 9 kD subunit|NADH-ubiquinone oxidoreductase flavoprotein 3|NADH-ubiquinone oxidoreductase flavoprotein 3, 10kD|complex I, mitochondrial respiratory chain, 10-kD subunit|m

## Pathway

- [Metabolic pathways](#)
- [Oxidative phosphorylation](#)

## Disease

- [Alzheimer disease](#)

- [Cognition](#)
- [Genetic Predisposition to Disease](#)
- [Prostatic Neoplasms](#)