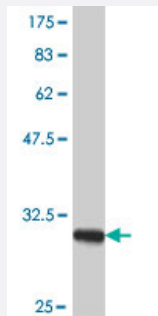


# ND4 polyclonal antibody (A01)

Catalog # H00004538-A01

Size 50 uL

## Applications



Western Blot detection against Immunogen (32.05 KDa) .

## Specification

|                                      |                                                                                                          |
|--------------------------------------|----------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Mouse polyclonal antibody raised against a partial recombinant ND4.                                      |
| <b>Immunogen</b>                     | ND4 (YP_003024035.1, 406 a.a. ~ 459 a.a) partial recombinant protein with GST tag.                       |
| <b>Sequence</b>                      | YSLYIFTTTQWGSLTHHINNIKPSFTRENTLMFIHLSPILLLSLNPDITGFSS                                                    |
| <b>Host</b>                          | Mouse                                                                                                    |
| <b>Reactivity</b>                    | Human                                                                                                    |
| <b>Interspecies Antigen Sequence</b> | Mouse (51); Rat (55)                                                                                     |
| <b>Quality Control Testing</b>       | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (32.05 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 — ND4

|                     |                                           |
|---------------------|-------------------------------------------|
| Entrez GeneID       | <a href="#">4538</a>                      |
| GeneBank Accession# | <a href="#">NC_012920.1</a>               |
| Protein Accession#  | <a href="#">YP_003024035.1</a>            |
| Gene Name           | ND4                                       |
| Gene Alias          | MTND4                                     |
| Gene Description    | NADH dehydrogenase, subunit 4 (complex I) |
| Gene Ontology       | <a href="#">Hyperlink</a>                 |
| Gene Summary        | NADH dehydrogenase subunit 4              |
| Other Designations  | NADH dehydrogenase subunit 4              |

## Pathway

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

## Disease

- [Alzheimer Disease](#)
- [Asthenozoospermia](#)
- [Ataxia](#)
- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)

- [Disease](#)
- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)
- [Infertility](#)
- [Insulin Resistance](#)
- [Leber hereditary optic neuropathy](#)
- [Long QT syndrome](#)
- [Migraine Disorders](#)
- [Multiple Sclerosis](#)
- [Obesity](#)
- [Oligospermia](#)
- [Optic Atrophy](#)
- [Parkinson disease](#)