

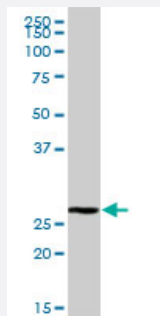
MaxPab®

# NDUFS3 MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004722-B01P

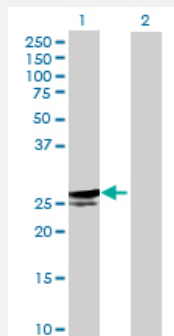
Size 50 ug

## Applications



### Western Blot (Tissue lysate)

NDUFS3 MaxPab polyclonal antibody. Western Blot analysis of NDUFS3 expression in rat brain.



### Western Blot (Transfected lysate)

Western Blot analysis of NDUFS3 expression in transfected 293T cell line ([H00004722-T01](#)) by NDUFS3 MaxPab polyclonal antibody.

Lane 1: NDUFS3 transfected lysate(29.04 KDa).

Lane 2: Non-transfected lysate.

## Specification

### Product Description

Mouse polyclonal antibody raised against a full-length human NDUFS3 protein.

### Immunogen

NDUFS3 (NP\_004542.1, 1 a.a. ~ 264 a.a) full-length human protein.

### Sequence

MAAAVARLWWRGILGASALTRGTGRPSVLLLPVRRESAGADTRPTVRPRNDVAHKQLSAFGEY  
VAEILPKYVQQVQVSCFNELEVCIHPDGVIPVLTFLRDHTNAQFKSLVDLTAVDVPTRQNRFEIYN  
LLSLRFNSRIRVKTYTDELPIESAVSVFKAANWYEREIWMFGVFFANHPDLRRILTDYGFEHHPF  
RKDFPLSGYVELRYDDEVKRVVAEPVELAQEFRKFDLNSPWEAFPVYRQPPESLKLEAGDKKP  
DAK

### Host

Mouse

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Human, Rat                                                               |
| Quality Control Testing | Antibody reactive against mammalian transfected lysate.                  |
| Storage Buffer          | In 1x PBS, pH 7.4                                                        |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

## Applications

- Western Blot (Tissue lysate)

NDUFS3 MaxPab polyclonal antibody. Western Blot analysis of NDUFS3 expression in rat brain.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of NDUFS3 expression in transfected 293T cell line ([H00004722-T01](#)) by NDUFS3 MaxPab polyclonal antibody.

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[Protocol Download](#)

## Gene Info — NDUFS3

|                     |                                                                                                                                                                                                                                           |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">4722</a>                                                                                                                                                                                                                      |
| GeneBank Accession# | <a href="#">NM_004551.1</a>                                                                                                                                                                                                               |
| Protein Accession#  | <a href="#">NP_004542.1</a>                                                                                                                                                                                                               |
| Gene Name           | NDUFS3                                                                                                                                                                                                                                    |
| Gene Alias          | -                                                                                                                                                                                                                                         |
| Gene Description    | NADH dehydrogenase (ubiquinone) Fe-S protein 3, 30kDa (NADH-coenzyme Q reductase)                                                                                                                                                         |
| Omim ID             | <a href="#">256000 603846</a>                                                                                                                                                                                                             |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                 |
| Gene Summary        | This gene encodes one of the iron-sulfur protein (IP) components of mitochondrial NADH:ubiquinone oxidoreductase (complex I). Mutations in this gene are associated with Leigh syndrome resulting from mitochondrial complex I deficiency |

Other Designations

-

## Pathway

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

## Disease

- [Alzheimer disease](#)
- [Cognition](#)