

# Ndufv2 Antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14132

## Product Information

|                   |                                                                           |
|-------------------|---------------------------------------------------------------------------|
| Application       | WB                                                                        |
| Primary Accession | <a href="#">Q9D6J6</a>                                                    |
| Other Accession   | <a href="#">NM_028388</a> , <a href="#">NP_082664</a>                     |
| Reactivity        | Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine |
| Predicted         | Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine |
| Host              | Rabbit                                                                    |
| Clonality         | Polyclonal                                                                |
| Calculated MW     | 27285                                                                     |

## Additional Information

|                          |                                                                                                                                                                                                 |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID                  | 72900                                                                                                                                                                                           |
| Alias Symbol             | 2900010C23Rik                                                                                                                                                                                   |
| Other Names              | NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial, 1.6.5.3, 1.6.99.3, NADH-ubiquinone oxidoreductase 24 kDa subunit, Ndufv2                                                         |
| Format                   | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                                                               |
| Reconstitution & Storage | Add 50 ul of distilled water. Final anti-Ndufv2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles. |
| Precautions              | Ndufv2 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.                                                                           |

## Protein Information

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name              | Ndufv2 {ECO:0000312   MGI:MGI:1920150}                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 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. 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. Contains one iron-sulfur cluster. |
| Cellular Location | Mitochondrion inner membrane; Peripheral membrane protein; Matrix side                                                                                                                                                                                                                                                                                                                                                                                                                 |

## References

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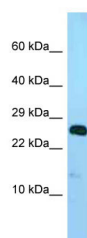
Carninci P.,et al.Science 309:1559-1563(2005).

Lubec G.,et al.Submitted (APR-2007) to UniProtKB.

Rardin M.J.,et al.Proc. Natl. Acad. Sci. U.S.A. 110:6601-6606(2013).

## Images

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WB Suggested Anti-Ndufv2 Antibody Titration: 1.0 µg/ml  
Positive Control: Mouse Heart

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.