

### **Product datasheet for TA344741**

# **NDUFV2 Rabbit Polyclonal Antibody**

#### **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Recommended Dilution: WB

**Reactivity:** Mouse

**Host:** Rabbit

**Isotype:** IgG

Clonality: Polyclonal

**Immunogen:** The immunogen for anti-Ndufv2 antibody: synthetic peptide directed towards the C terminal

of human Ndufv2. Synthetic peptide located within the following region:

DNYYEDLTPKDIEEIIDELKAGKVPKPGPRSGRFCCEPAGGLTSLTEPPK

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Purification:** Affinity Purified

Conjugation: Unconjugated

**Store** at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 27 kDa

**Gene Name:** NADH:ubiquinone oxidoreductase core subunit V2

Database Link: NP 066552

Entrez Gene 72900 Mouse

P19404

**Background:** Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase

(Complex I) that is believed to belong to the minimal assembly required for catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The

immediate electron acceptor for the enzyme is believed to be ubiquinone.

Synonyms: CI-24k



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**Note:** Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human:

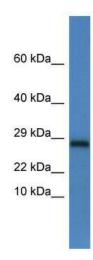
100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 100%; Guinea pig: 93%

**Protein Families:** Druggable Genome

Protein Pathways: Alzheimer's disease, Huntington's disease, Metabolic pathways, Oxidative phosphorylation,

Parkinson's disease

## **Product images:**



WB Suggested Anti-Ndufv2 Antibody; Titration: 1.0 ug/ml; Positive Control: Mouse Brain