

## Product datasheet for **TA350222**

### NDUFV2 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 200-1000 WB positive control: Jurkat, Raji and A431 cells, mouse skeletal muscle tissue and NIH/3T3 cells
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human NDUFV2
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	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:	<a href="#">NP_066552</a> <a href="#">Entrez Gene 72900 Mouse</a> <a href="#">Entrez Gene 81728 Rat</a> <a href="#">Entrez Gene 4729 Human</a> <a href="#">P19404</a>
Background:	The NADH-ubiquinone oxidoreductase complex (complex I) of the mitochondrial respiratory chain catalyzes the transfer of electrons from NADH to ubiquinone, and consists of at least 43 subunits. The complex is located in the inner mitochondrial membrane. This gene encodes the 24 kDa subunit of complex I, and is involved in electron transfer. Mutations in this gene are implicated in Parkinson's disease, bipolar disorder, schizophrenia, and have been found in one case of early onset hypertrophic cardiomyopathy and encephalopathy. A non-transcribed pseudogene of this locus is found on chromosome 19.



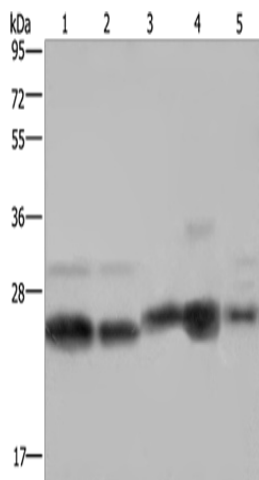
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**Synonyms:** CI-24k

**Protein Families:** Druggable Genome

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

### Product images:



Gel: 10%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane 1-5: Jurkat cells  
Raji cells  
A431 cells  
mouse skeletal muscle tissue  
NIH/3T3 cells  
Primary antibody: TA350222 (NDUFV2 Antibody)  
at dilution 1/250  
Secondary antibody: Goat anti rabbit IgG at  
1/8000 dilution  
Exposure time: 5 seconds