

## Product datasheet for **TA342229**

### NDUFS1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-Ndufs1 antibody is: synthetic peptide directed towards the N-terminal region of Rat Ndufs1. Synthetic peptide located within the following region: VVAACAMPVMKGWNILTNSEKSKKAREGVMEFLLANHPLDCPICDQGGE
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	79 kDa
Gene Name:	NADH:ubiquinone oxidoreductase core subunit S1
Database Link:	<a href="#">NP_004997</a> <a href="#">Entrez Gene 301458 Rat P28331</a>



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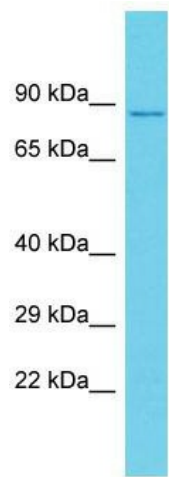
**Background:** Core subunit ofThe mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong toThe minimal assembly required for catalysis. Complex I functions inThe transfer of electrons from NADH toThe respiratory chain.The immediate electron acceptor forThe enzyme is believed to be ubiquinone (By similarity).This isThe largest subunit of complex I and it is a component ofThe iron-sulfur (IP) fragment ofThe enzyme. It may form part ofThe active site crevice where NADH is oxidized.

**Synonyms:** CI-75k; CI-75Kd; PRO1304

**Note:** Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Bovine: 93%; Guinea pig: 93%; Goat: 86%; Zebrafish: 86%; Yeast: 85%

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

### Product images:



Host: Rabbit; Target Name: Ndufs1; Sample Tissue: Rat Thymus lysates; Antibody Dilution: 1.0 ug/ml