

## Product datasheet for **TA350211**

### NDUFA9 Rabbit Polyclonal Antibody

#### Product data:

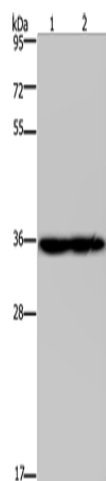
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse heart and kidney tissue IHC: 50-200 Positive control: Human colon cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human NDUFA9
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:	43 kDa
Gene Name:	NADH:ubiquinone oxidoreductase subunit A9
Database Link:	<a href="#">NP_004993</a> <a href="#">Entrez Gene 66108 Mouse</a> <a href="#">Entrez Gene 4704 Human</a> <a href="#">Q16795</a>
Background:	The encoded protein is a subunit of the hydrophobic protein fraction of the NADH:ubiquinone oxidoreductase (complex I), the first enzyme complex in the electron transport chain located in the inner mitochondrial membrane. A pseudogene has been identified on chromosome 12.
Synonyms:	CC6; CI-39k; CI39k; NDUFS2L; SDR22E1



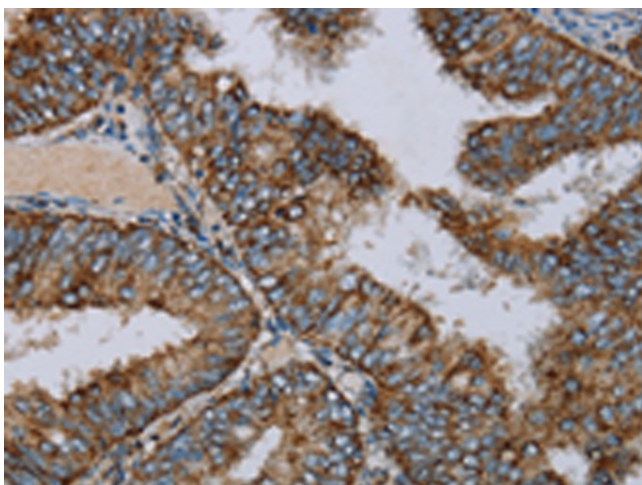
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**Protein Pathways:** Alzheimer's disease, Huntington's disease, Metabolic pathways, Oxidative phosphorylation, Parkinson's disease

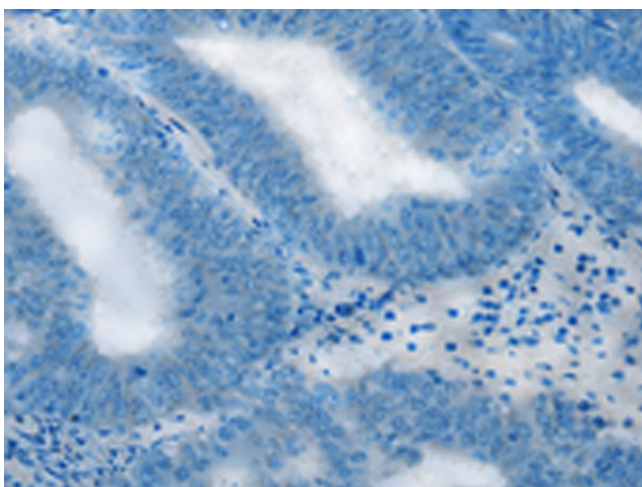
### Product images:



Gel: 8%SDS-PAGE  
Lysate: 40 µg  
Lane 1-2: Mouse heart tissue  
Mouse kidney tissue  
Primary antibody: TA350211 (NDUFA9 Antibody)  
at dilution 1/400  
Secondary antibody: Goat anti rabbit IgG at  
1/8000 dilution  
Exposure time: 10 seconds



Immunohistochemistry of paraffin-embedded  
Human colon cancer tissue using TA350211  
(NDUFA9 Antibody) at dilution 1/30 (Original  
magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA350211 (NDUFA9 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: ×200)