

## Product datasheet for **TA369233S**

### NDUFS1 Rabbit Polyclonal Antibody

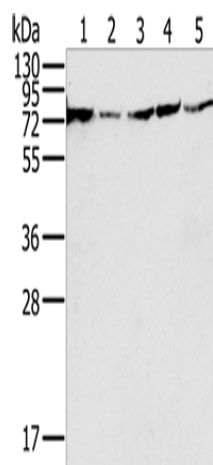
#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: 293T, PC3, hela, Jurkat and Raji cells IHC: 50-200 Positive control: Human prostate cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human NDUFS1
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	79 kDa
Gene Name:	NADH:ubiquinone oxidoreductase core subunit S1
Database Link:	<a href="#">Entrez Gene 4719 Human P28331</a>
Background:	The protein encoded by this gene belongs to the complex I 75 kDa subunit family. Mammalian complex I is composed of 45 different subunits. It locates at the mitochondrial inner membrane. This protein has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. This protein is the largest subunit of complex I and it is a component of the iron-sulfur (IP) fragment of the enzyme.
Synonyms:	CI-75Kd; MGC26839; OTTHUMP00000206345; PRO1304

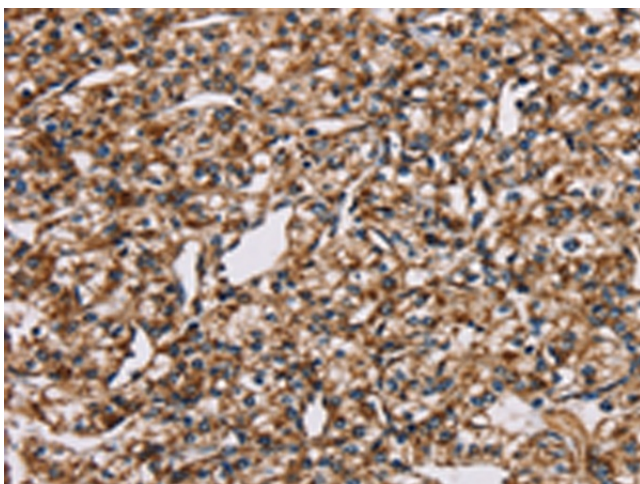


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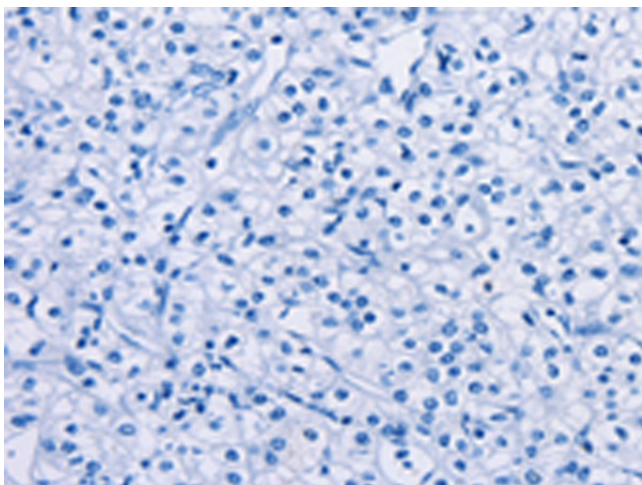
## Product images:



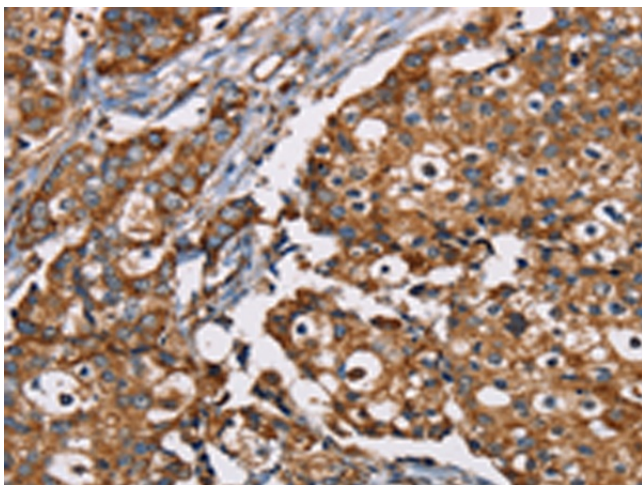
Gel: 10%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane 1-5: 293T cells  
PC3 cells  
hela cells  
Jurkat cells  
Raji cells  
Primary antibody: [TA369233] (NDUFS1 Antibody)  
at dilution 1/650  
Secondary antibody: Goat anti rabbit IgG at  
1/8000 dilution  
Exposure time: 3 seconds



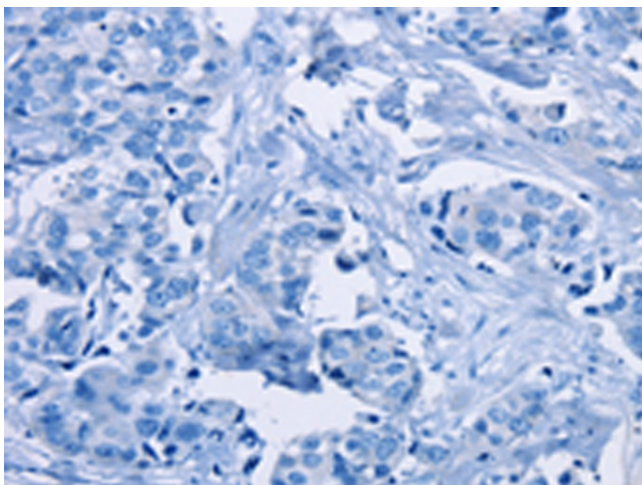
Immunohistochemistry of paraffin-embedded  
Human prostate cancer tissue using [TA369233]  
(NDUFS1 Antibody) at dilution 1/35 (Original  
magnification:  $\times$ 200)



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using [TA369233] (NDUFS1 Antibody) at dilution 1/35, treated with fusion protein. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using [TA369233] (NDUFS1 Antibody) at dilution 1/35 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using [TA369233] (NDUFS1 Antibody) at dilution 1/35, treated with fusion protein. (Original magnification:  $\times 200$ )