

Product datasheet for **TA350204S**

NDUFA10 Rabbit Polyclonal Antibody

Product data:

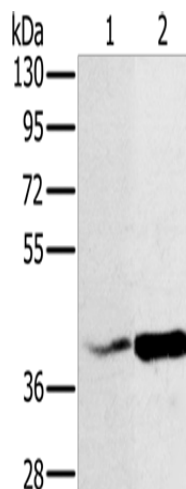
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Hela and A549 cells IHC: 50-200 Positive control: Human colon cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human NDUFA10
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
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:	41 kDa
Gene Name:	NADH:ubiquinone oxidoreductase subunit A10
Database Link:	NP_004535 Entrez Gene 4705 Human O95299
Background:	The protein encoded by this gene belongs to the complex I 42kDa subunit family. Mammalian complex I is the first enzyme complex in the electron transport chain of mitochondria. It is composed of 45 different subunits. This protein is a component of the hydrophobic protein fraction and has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to the respiratory chain.
Synonyms:	CI-42k; CI-42KD



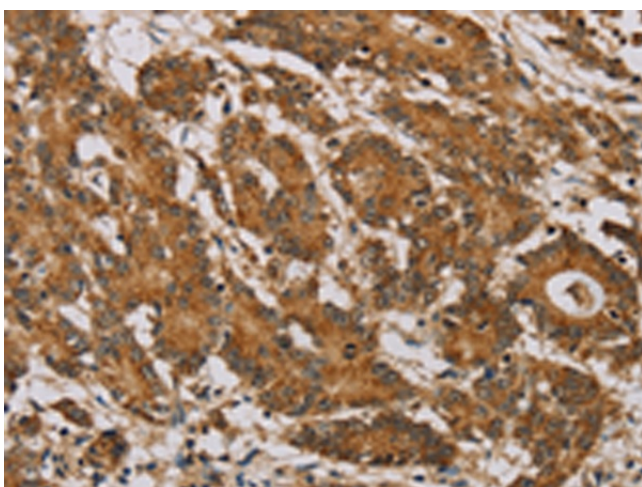
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Protein Pathways: Alzheimer's disease, Huntington's disease, Metabolic pathways, Oxidative phosphorylation, Parkinson's disease

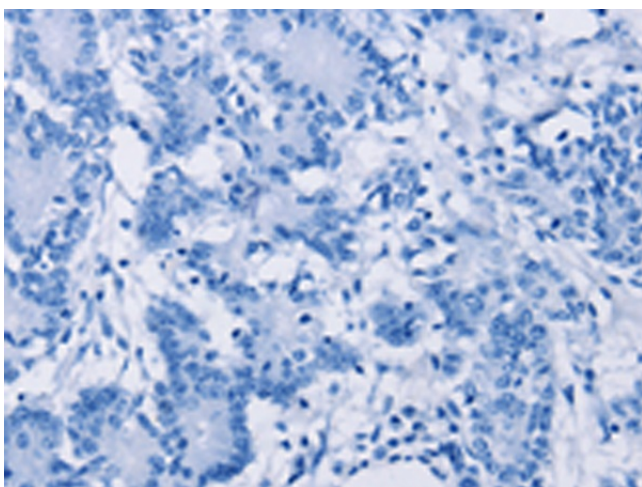
Product images:



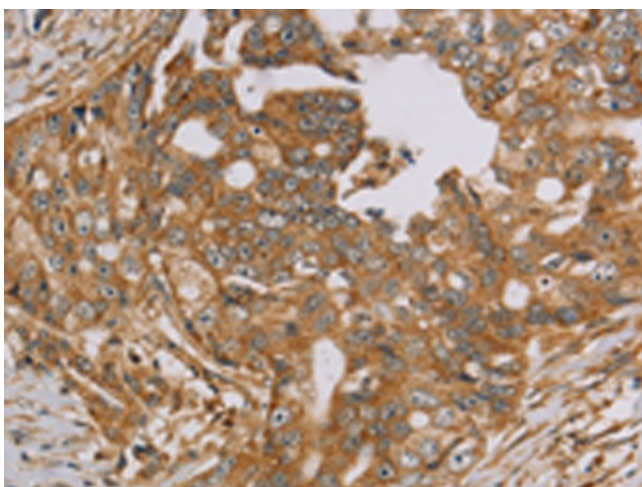
Gel: 8%SDS-PAGE
Lysate: 40 μ g
Lane 1-2: HeLa cells
A549 cells
Primary antibody: [TA350204] (NDUFA10
Antibody) at dilution 1/500
Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution
Exposure time: 5 minutes



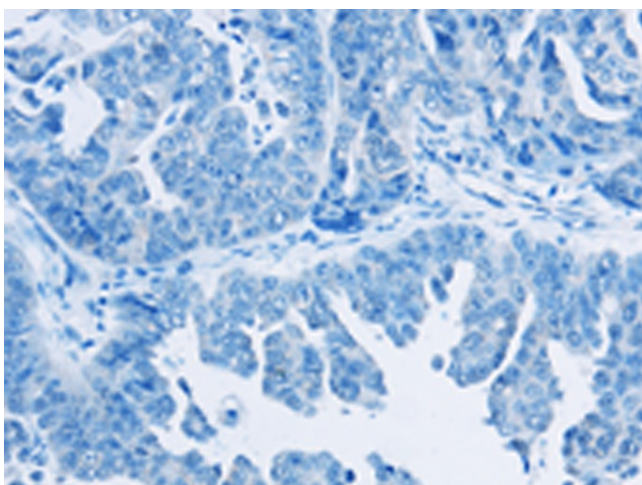
Immunohistochemistry of paraffin-embedded
Human colon cancer tissue using [TA350204]
(NDUFA10 Antibody) at dilution 1/40 (Original
magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using [TA350204] (NDUFA10 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA350204] (NDUFA10 Antibody) at dilution 1/40 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA350204] (NDUFA10 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: $\times 200$)