

Product datasheet for **TA350214S**

NDUFS5 Rabbit Polyclonal Antibody

Product data:

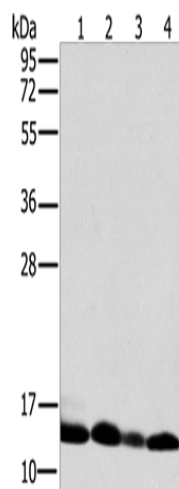
| | |
|-------------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | IHC, WB |
| Recommended Dilution: | WB: 500-2000 WB positive control: Human liver tissue and K562 cells, human fetal brain tissue and Raji cells IHC: 50-200 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Fusion protein of human NDUFS5 |
| 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: | 13 kDa |
| Gene Name: | NADH:ubiquinone oxidoreductase subunit S5 |
| Database Link: | NP_004543 Entrez Gene 4725 Human O43920 |
| Background: | This gene is a member of the NADH dehydrogenase (ubiquinone) iron-sulfur protein family. The encoded protein is a subunit of the NADH:ubiquinone oxidoreductase (complex I), the first enzyme complex in the electron transport chain located in the inner mitochondrial membrane. Alternative splicing results in multiple transcript variants and pseudogenes have been identified on chromosomes 1, 4 and 17. |
| Synonyms: | CI-15k; CI15K |



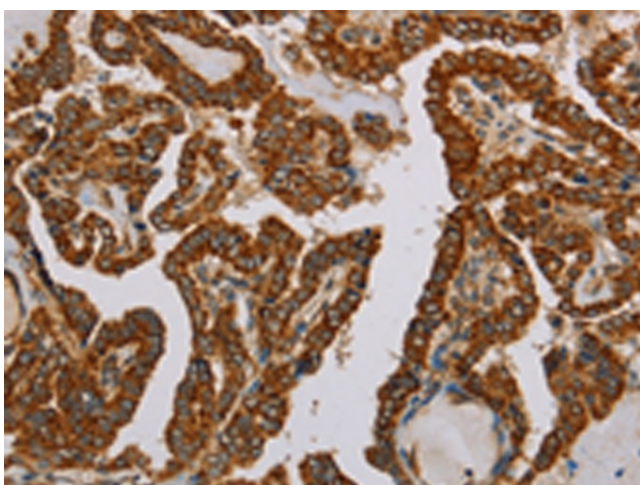
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Protein Pathways: Alzheimer's disease, Huntington's disease, Metabolic pathways, Oxidative phosphorylation, Parkinson's disease

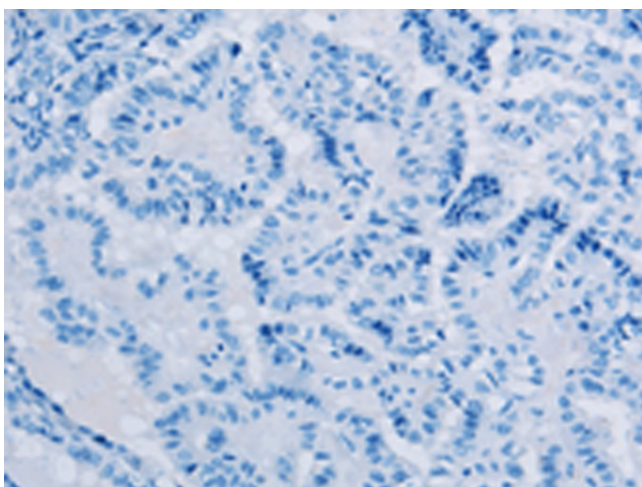
Product images:



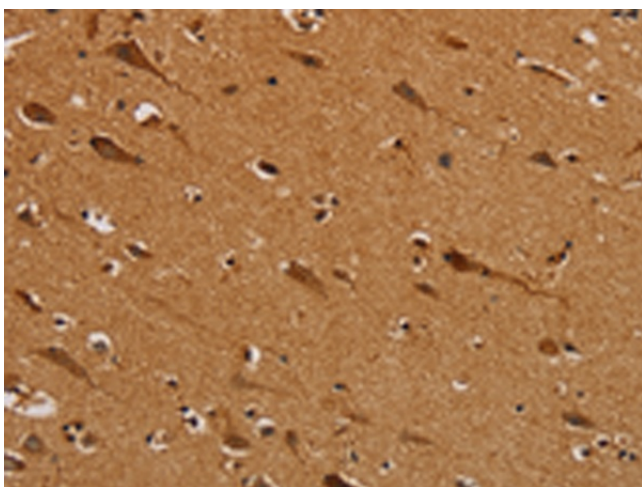
Gel: 10%SDS-PAGE
Lysate: 40 µg
Lane 1-4: Human liver tissue
K562 cells
human fetal brain tissue
Raji cells
Primary antibody: [TA350214] (NDUFS5 Antibody)
at dilution 1/400
Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution
Exposure time: 5 seconds



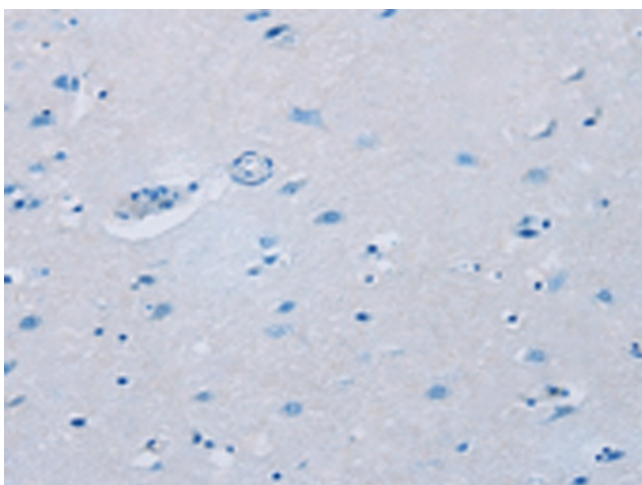
Immunohistochemistry of paraffin-embedded
Human thyroid cancer tissue using [TA350214]
(NDUFS5 Antibody) at dilution 1/50 (Original
magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA350214] (NDUFS5 Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA350214] (NDUFS5 Antibody) at dilution 1/50 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA350214] (NDUFS5 Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: $\times 200$)