

Product datasheet for **TA350215S**

NDUFS3 Rabbit Polyclonal Antibody

Product data:

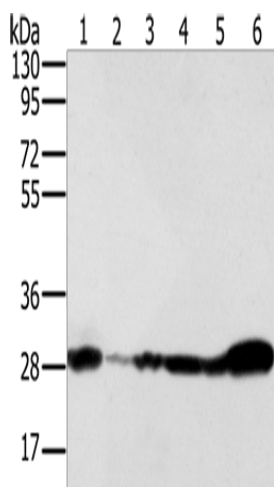
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|-------------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | IHC, WB |
| Recommended Dilution: | WB: 500-2000 WB positive control: 293T, NIH/3T3, Raw264.7 and hela cells, human fetal brain and mouse brain tissue IHC: 50-200 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Fusion protein of human NDUFS3 |
| 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: | 30 kDa |
| Gene Name: | NADH:ubiquinone oxidoreductase core subunit S3 |
| Database Link: | NP_004542 Entrez Gene 68349 Mouse Entrez Gene 4722 Human O75489 |
| Background: | This gene encodes one of the iron-sulfur protein (IP) components of mitochondrial NADH:ubiquinone oxidoreductase (complex I). Mutations in this gene are associated with Leigh syndrome resulting from mitochondrial complex I deficiency. |
| Synonyms: | CI-30 |



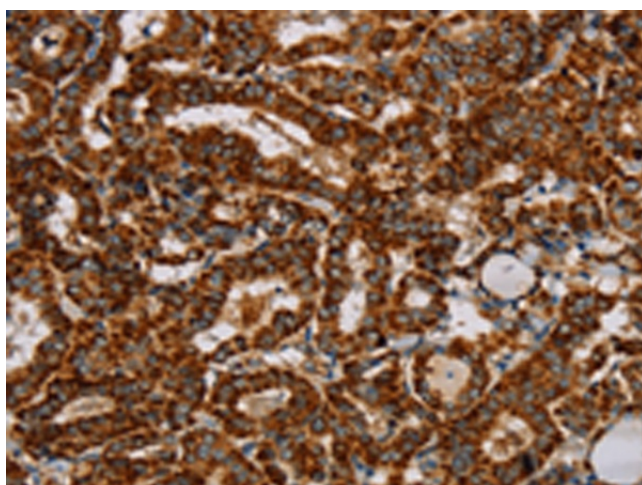
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Protein Pathways: Alzheimer's disease, Huntington's disease, Metabolic pathways, Oxidative phosphorylation, Parkinson's disease

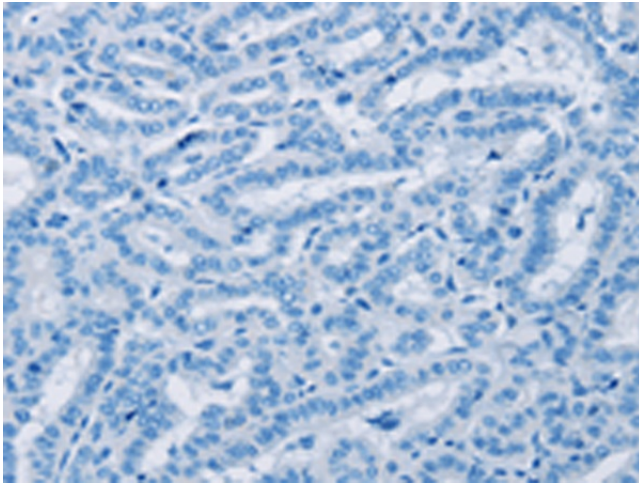
Product images:



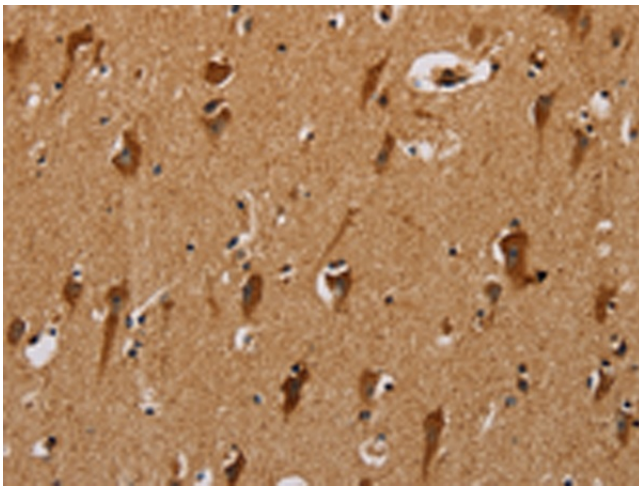
Gel: 8%SDS-PAGE
 Lysate: 40 µg
 Lane 1-6: 293T cells
 NIH/3T3 cells
 Raw264.7 cells
 hela cells
 human fetal brain tissue
 mouse brain tissue
 Primary antibody: [TA350215] (NDUFS3 Antibody)
 at dilution 1/350
 Secondary antibody: Goat anti rabbit IgG at
 1/8000 dilution
 Exposure time: 5 seconds



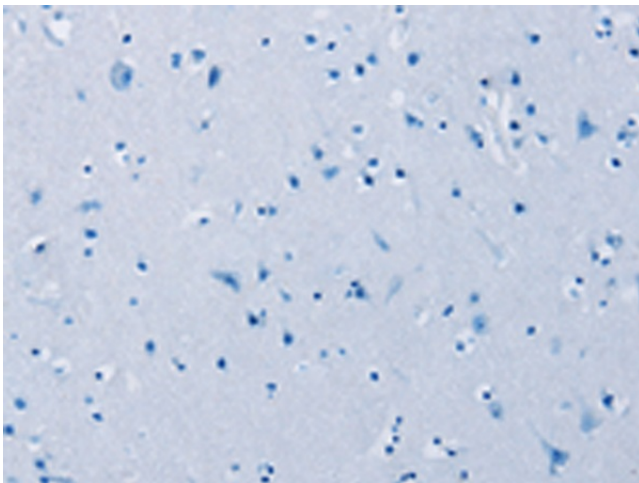
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA350215] (NDUFS3 Antibody) at dilution 1/40 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA350215] (NDUFS3 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA350215] (NDUFS3 Antibody) at dilution 1/40 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA350215] (NDUFS3 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: $\times 200$)