

Product datasheet for **TA369608S**

DAP13 (NDUFA12) Rabbit Polyclonal Antibody

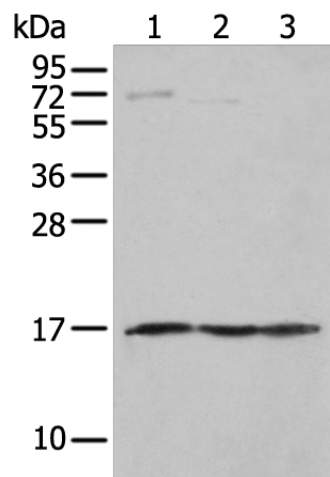
Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | IHC, WB |
| Recommended Dilution: | WB: 500-2000 WB positive control: Human fetal muscle tissue □ PC-3 and Jurkat cell IHC: 25-100 Positive control: Human brain Predicted cell location: Cytoplasm |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Full length fusion protein |
| Formulation: | pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol |
| Purification: | Antigen affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C. |
| Stability: | 1 year |
| Predicted Protein Size: | 17 kDa |
| Gene Name: | NADH:ubiquinone oxidoreductase subunit A12 |
| Database Link: | Entrez Gene 55967 Human Q9UI09 |
| Background: | This gene encodes a protein which is part of mitochondrial complex 1, part of the oxidative phosphorylation system in mitochondria. Complex 1 transfers electrons to ubiquinone from NADH which establishes a proton gradient for the generation of ATP. Mutations in this gene are associated with Leigh syndrome due to mitochondrial complex 1 deficiency. Pseudogenes of this gene are located on chromosomes 5 and 13. Alternative splicing results in multiple transcript variants. |
| Synonyms: | B17.2; CI-B17.2; CIB17.2; DAP13 |

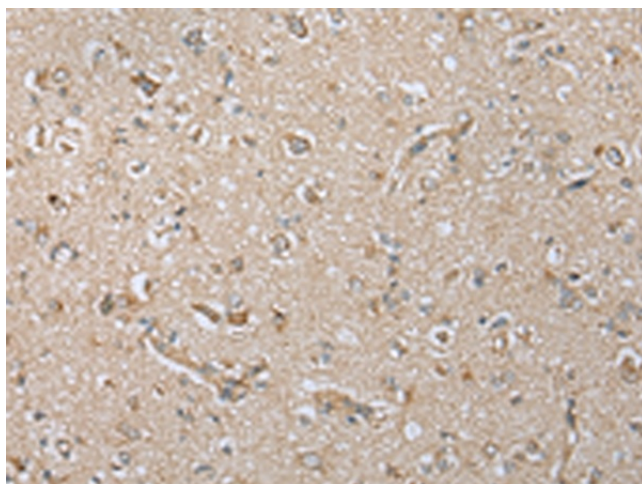


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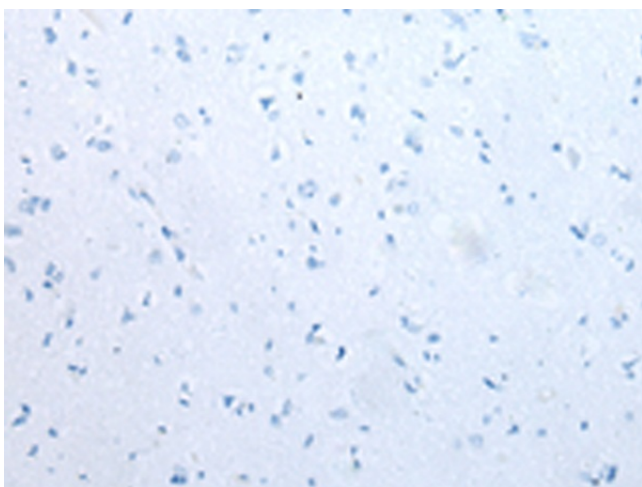
Product images:



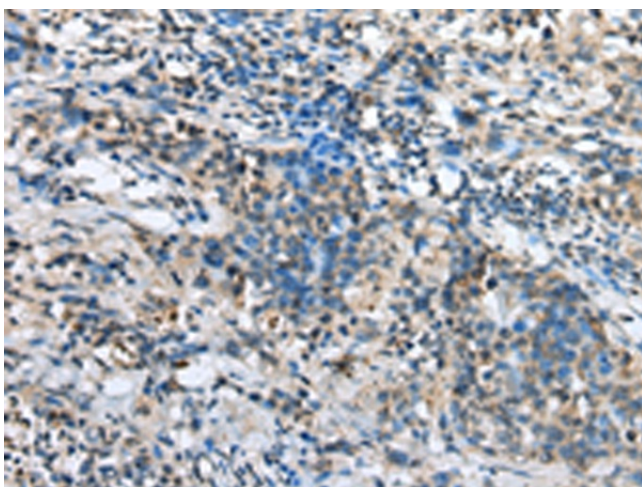
Gel: 12%SDS-PAGE
Lysate: 40 μ g
Lane 1-3: Human fetal muscle tissue
PC-3 and Jurkat cell
Primary antibody: [TA369608] (NDUFA12
Antibody) at dilution 1/300
Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution
Exposure time: 30 seconds



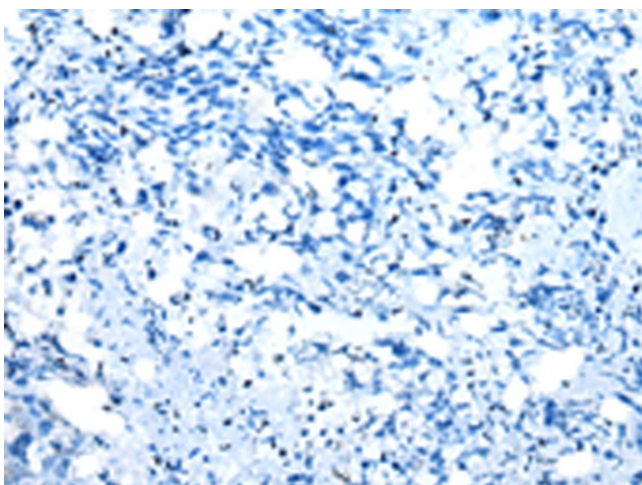
Immunohistochemistry of paraffin-embedded
Human brain tissue using [TA369608] (NDUFA12
Antibody) at dilution 1/30 (Original magnification:
 $\times 200$)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA369608] (NDUFA12 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA369608] (NDUFA12 Antibody) at dilution 1/30 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA369608] (NDUFA12 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: x200)