

NDUFA12 RABBIT PAB

Cat.#: S218151

Product Name: Anti-NDUFA12 Rabbit Polyclonal Antibody

Synonyms: B17.2; DAP13

UNIPROT ID: Q9UI09 (Gene Accession - BC005936)

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.

Immunogen: Full length fusion protein

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 25-100;WB: 500-2000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

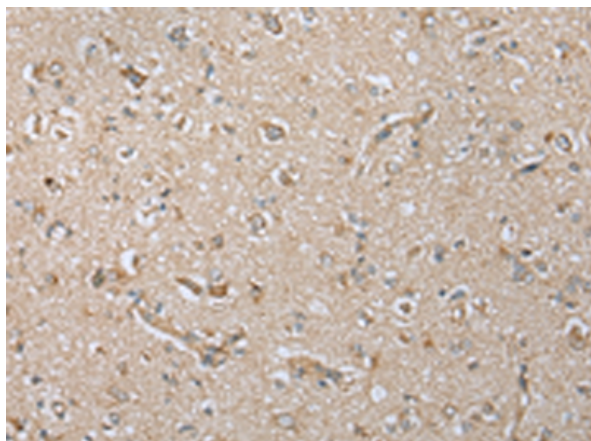
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

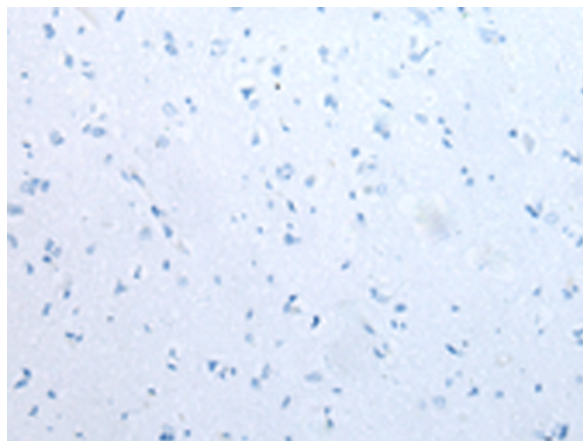
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Metabolism

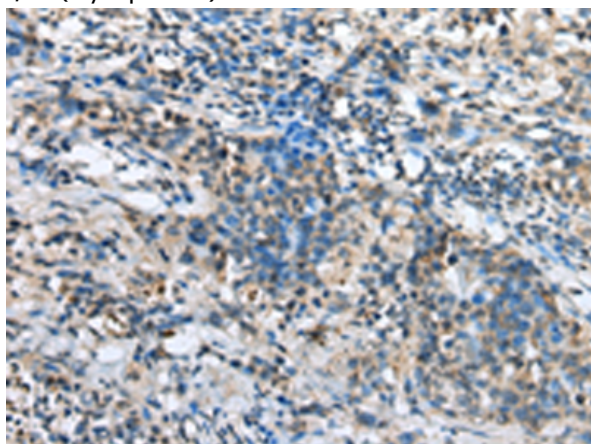
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



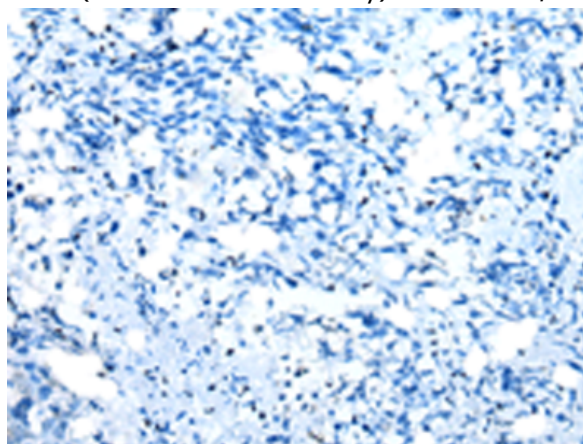
Immunohistochemistry analysis of paraffin embedded Human brain tissue using 218151(NDUFA12 Antibody) at a dilution of 1/30(Cytoplasm).



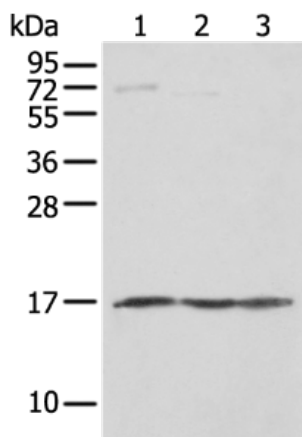
In comparison with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with the fusion protein and then with 218151(Anti-NDUFA12 Antibody) at dilution 1/30.



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using 218151(Anti-NDUFA12 Antibody) at a dilution of 1/30.



In comparison with the IHC on the left, the same paraffin-embedded Human lung cancer tissue is first treated with fusion protein and then with D223830(Anti-NDUFA12 Antibody) at dilution 1/30.



Gel: 12%SDS-PAGE, Lysate: 40 µg;
 Lane 1-3: Human fetal muscle tissue, PC-3 and Jurkat cell;
 Primary antibody: 218151(NDUFA12 Antibody) at dilution 1/300;
 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
 Exposure time: 30 seconds



Product Description

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