

COX18 RABBIT PAB

Cat.#: S219713

Product Name: Anti-COX18 Rabbit Polyclonal Antibody

Synonyms: COX18HS

UNIPROT ID: Q8N8Q8 (Gene Accession - NP_776188)

Background: COX18 encodes a cytochrome c oxidase (COX)-assembly protein. The *S. cerevisiae* Cox18 protein catalyzes the insertion of the Cox2 (MTCO2; MIM 516040) C-terminal tail into the mitochondrial inner membrane, an intermediate step in the assembly of complex IV of the mitochondrial respiratory chain.

Immunogen: Synthetic peptide of human COX18

Applications: ELISA, IHC

Recommended Dilutions: IHC: 25-100; ELISA: 1000-2000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

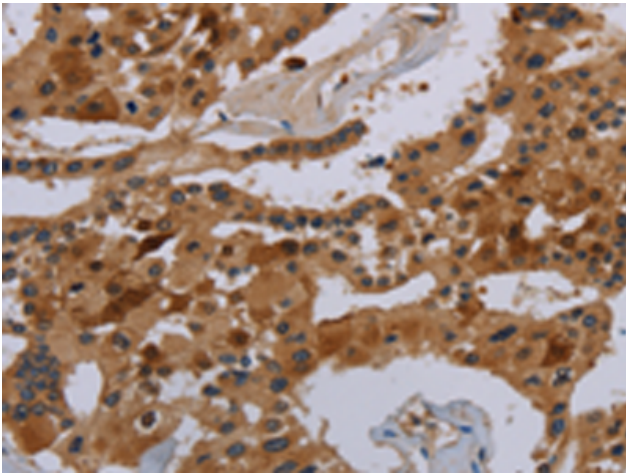
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

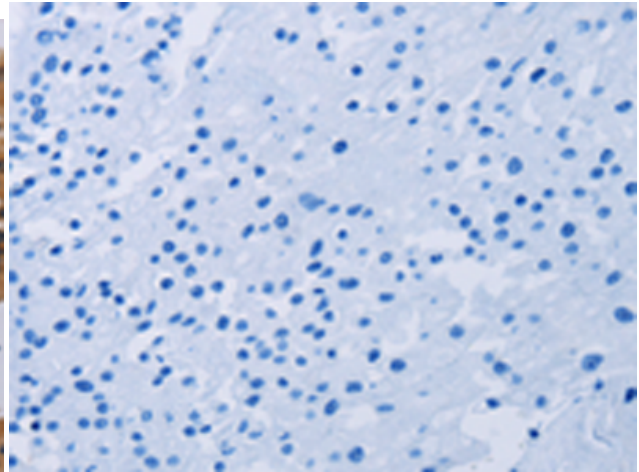
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Metabolism

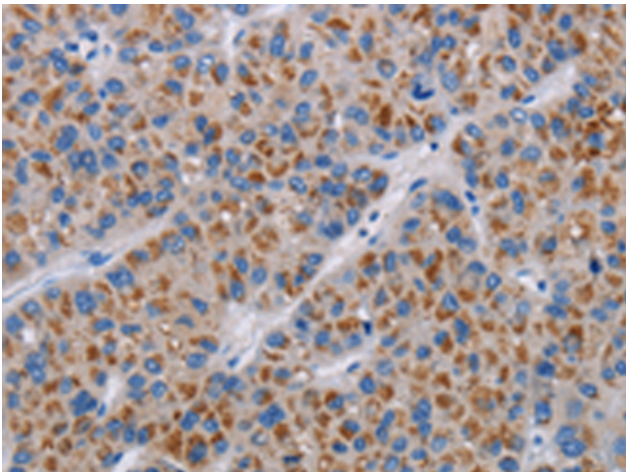
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



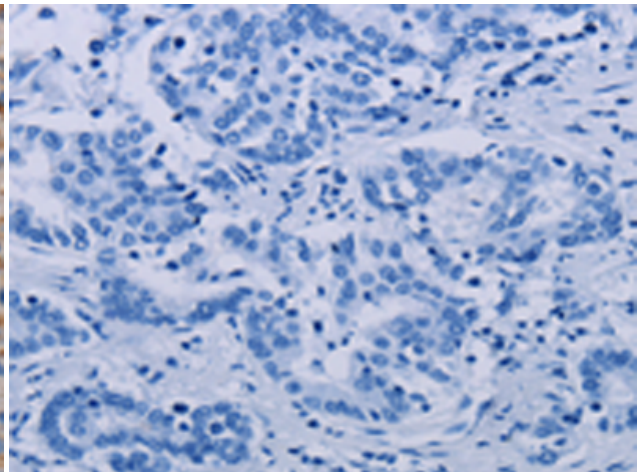
Immunohistochemistry analysis of paraffin embedded Human prostate cancer tissue using 219713 (COX18 Antibody) at a dilution of 1/20 (Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human prostate cancer tissue is first treated with the synthetic peptide and then with 219713 (Anti-COX18 Antibody) at dilution 1/20.



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 219713 (Anti-COX18 Antibody) at a dilution of 1/20.



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with synthetic peptide and then with D260198 (Anti-COX18 Antibody) at dilution 1/20.