

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## COX5A RABBIT PAB

Cat.#: S220376

Product Name: Anti-COX5A Rabbit Polyclonal Antibody

Synonyms: VA; COX; COX-VA

UNIPROT ID: P20674 (Gene Accession - NP\_004246)

**Background:** Cytochrome c oxidase (COX) is the terminal enzyme of the mitochondrial respiratory chain. It is a multi-subunit enzyme complex that couples the transfer of electrons from cytochrome c to molecular oxygen and contributes to a proton electrochemical gradient across the inner mitochondrial membrane. The complex consists of 13 mitochondrial- and nuclear-encoded subunits. The mitochondrially-encoded subunits perform the electron transfer of proton pumping activities. **Immunogen:** Synthetic peptide of human COX5A

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-200;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, Rat

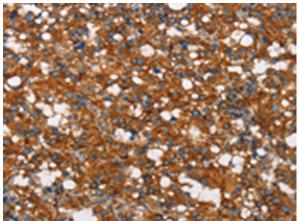
**Constituents:** PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol **Research Areas:** Metabolism

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

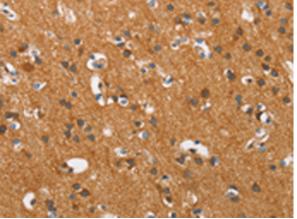


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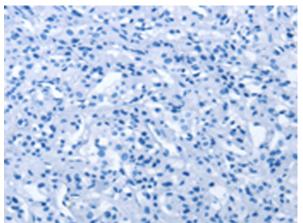
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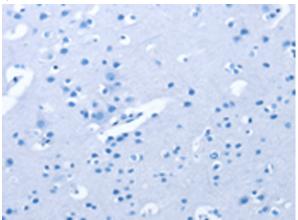
Immunohistochemistry analysis of paraffin embedded Human thyroid cancer tissue using 220376(COX5A Antibody) at a dilution of 1/40(cytoplasm).



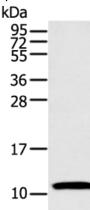
paraffin-embedded Human brain tissue using 220376(Anti-COX5A Antibody) at a dilution of 1/40.



In comparision with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with the synthetic peptide and then with 220376(Anti-COX5A Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of In comparision with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with synthetic peptide and then with D261450(Anti-COX5A Antibody) at dilution 1/40.



Gel: 12%SDS-PAGE, Lysate: 40 µg; Lane: 293T cell; Primary antibody: 220376(COX5A Antibody) at dilution 1/400; Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution; Exposure time: 7 econde



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