

CYB5A RABBIT PAB

Cat.#: S217335

Product Name: Anti-CYB5A Rabbit Polyclonal Antibody

Synonyms: CYB5; MCB5

UNIPROT ID: P00167 (Gene Accession - NP_683725)

Background: The protein encoded by this gene is a membrane-bound cytochrome that reduces ferric hemoglobin (methemoglobin) to ferrous hemoglobin, which is required for stearyl-CoA-desaturase activity. Defects in this gene are a cause of type IV hereditary methemoglobinemia. Three transcript variants encoding different isoforms have been found for this gene.

Immunogen: Fusion protein of human CYB5A

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-200;WB: 200-1000;ELISA: 1000-2000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

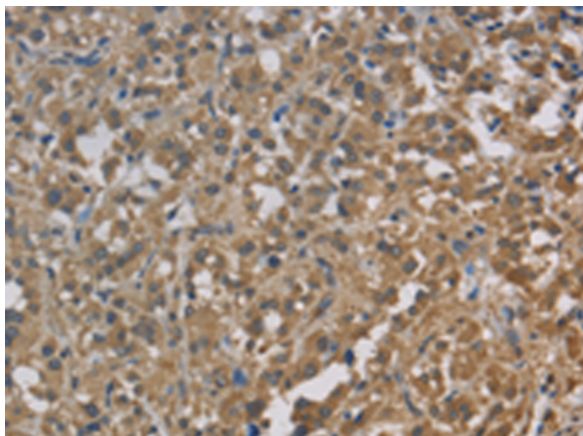
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

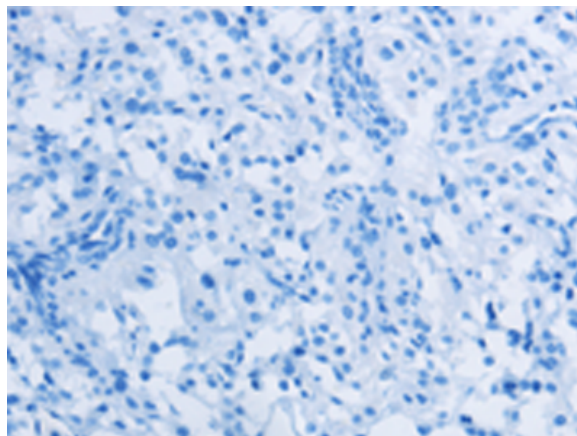
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Metabolism

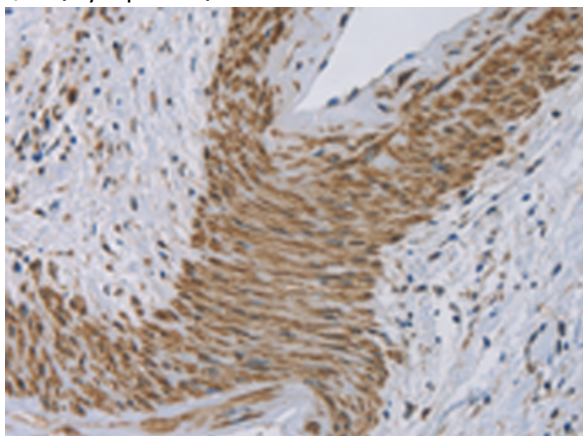
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



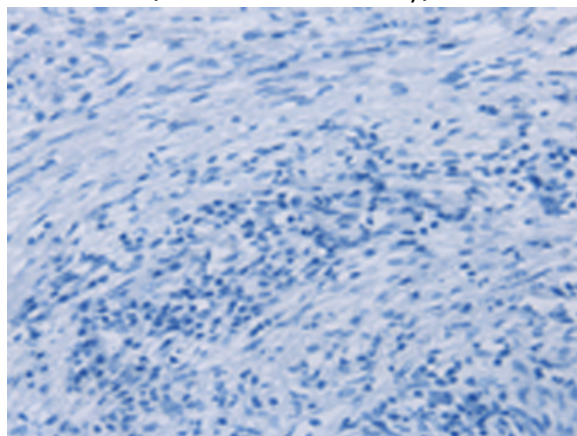
Immunohistochemistry analysis of paraffin embedded Human thyroid cancer tissue using 217335(CYB5A Antibody) at a dilution of 1/30(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with the fusion protein and then with 217335(Anti-CYB5A Antibody) at dilution 1/30.



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using 217335(Anti-CYB5A Antibody) at a dilution of 1/30.



In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with fusion protein and then with D222195(Anti-CYB5A Antibody) at dilution 1/30.



Gel: 10%SDS-PAGE, Lysate: 40 µg;
Lane 1-3: Mouse kidney tissue, human fetal liver tissue, mouse liver tissue;
Primary antibody: 217335(CYB5A Antibody) at dilution 1/250;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 1 minute



Product Description

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