

NOX5 RABBIT PAB

Cat.#: S217654

Product Name: Anti-NOX5 Rabbit Polyclonal Antibody

Synonyms:

UNIPROT ID: Q96PH1 (Gene Accession - BC125098)

Background: This gene is predominantly expressed in the testis and lymphocyte-rich areas of spleen and lymph nodes. It encodes a calcium-dependent NADPH oxidase that generates superoxide, and functions as a calcium-dependent proton channel that may regulate redox-dependent processes in lymphocytes and spermatozoa. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

Immunogen: Fusion protein of human NOX5

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

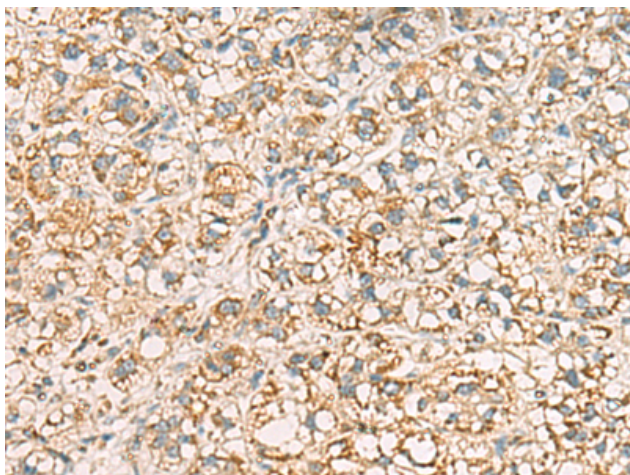
Purification: Antigen affinity purification

Species Reactivity: Human

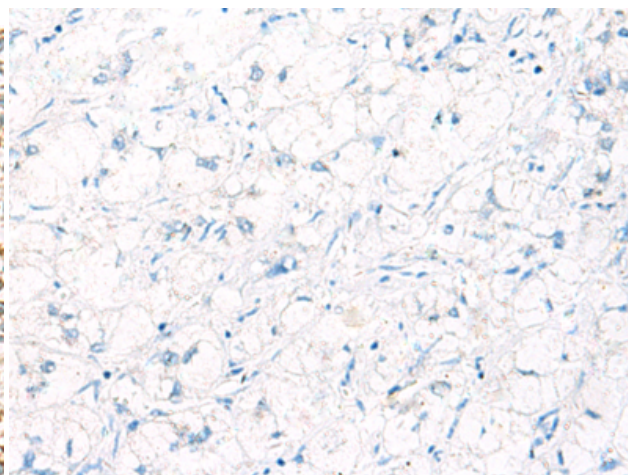
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Metabolism, Cancer, Cell Biology

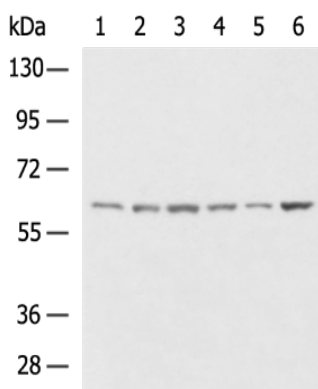
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 217654 (NOX5 Antibody) at a dilution of 1/60 (Cell membrane).



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 217654 (Anti-NOX5 Antibody) at dilution 1/60.



Gel: 6% SDS-PAGE, Lysate: 40 μ g;
Lane 1-6: PC-3, Raji, SKOV3, Jurkat, Hela, 293T cell lysates;
Primary antibody: 217654 (NOX5 Antibody) at dilution 1/850;
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
Exposure time: 1 minute