

## 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

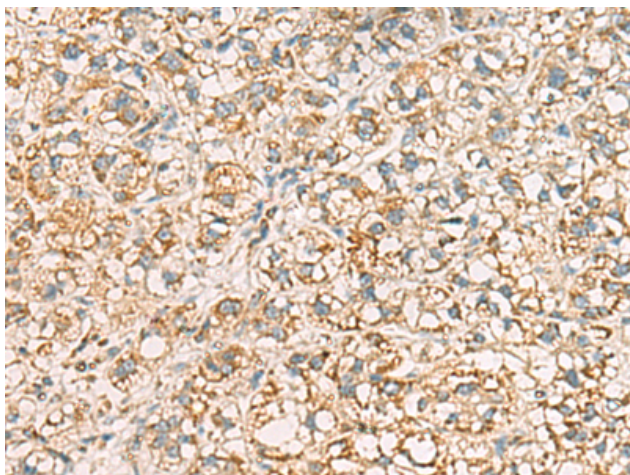
**Purification:** Antigen affinity purification

**Species Reactivity:** Human

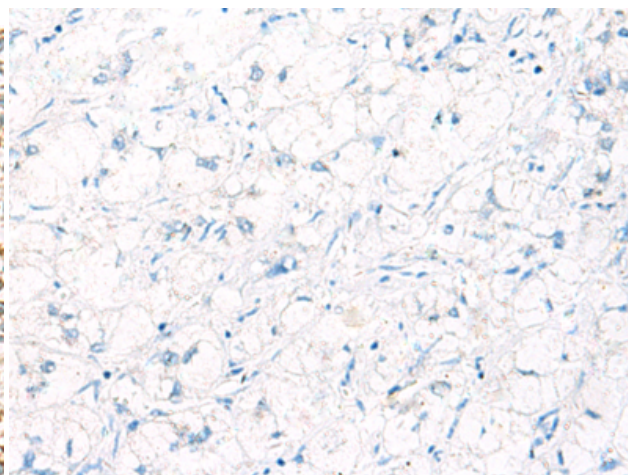
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Metabolism, Cancer, Cell Biology

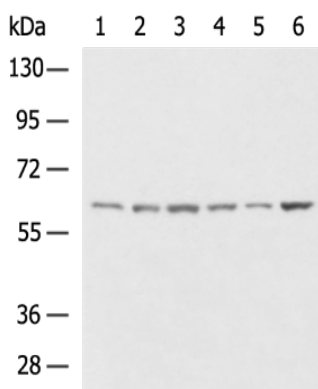
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



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  $\mu$ 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