

NQO2 RABBIT PAB

Cat.#: S213914

Product Name: Anti-NQO2 Rabbit Polyclonal Antibody

Synonyms: QR2, DHQV, DIA6, NMOR2

UNIPROT ID: P16083 (Gene Accession - NP_000895)

Background: NQO2 (EC 1.10.99.2) is a flavoprotein that catalyzes the 2-electron reduction of various quinones, redox dyes, and the vitamin K menadione. NQO2 predominantly uses dihydronicotinamide riboside (NRH) as the electron donor. The enzyme apparently serves as a quinone reductase in connection with conjugation reactions of hydroquinones involved in detoxification pathways as well as in biosynthetic processes such as the vitamin K-dependent gamma-carboxylation of glutamate residues in prothrombin synthesis.

Immunogen: Synthetic peptide of human NQO2

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-200;WB: 1000-5000;ELISA: 2000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

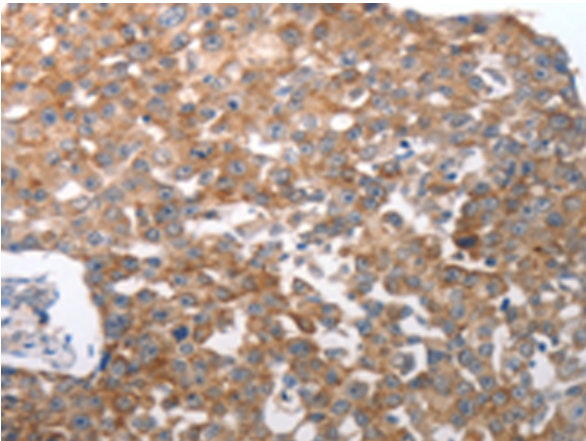
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

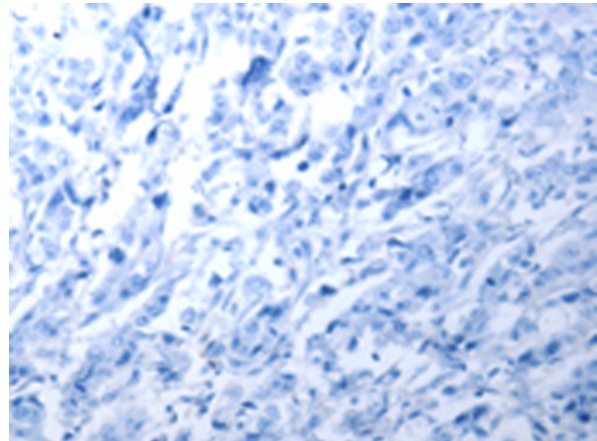
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Metabolism, Cell Biology

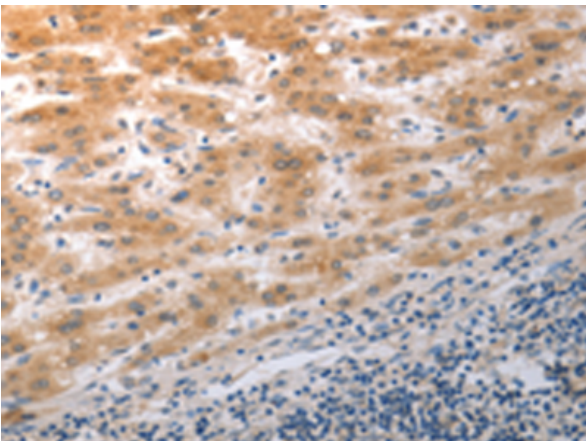
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



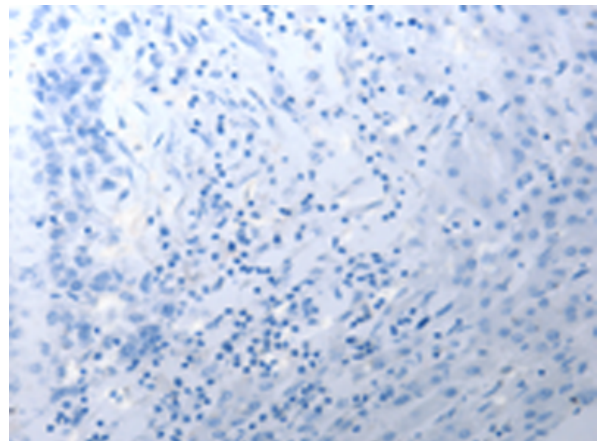
Immunohistochemistry analysis of paraffin embedded Human breast cancer tissue using 213914(NQO2 Antibody) at a dilution of 1/50(Cytoplasm).



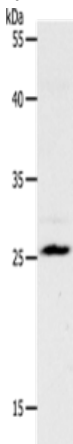
In comparison with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with the synthetic peptide and then with 213914(Anti-NQO2 Antibody) at dilution 1/50.



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 213914(Anti-NQO2 Antibody) at a dilution of 1/50.



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 D161050(Anti-NQO2 Antibody) at dilution 1/50.



Gel: 10%SDS-PAGE, Lysate: 80 µg;
Lane: Mouse liver tissue;
Primary antibody: 213914(NQO2 Antibody) at dilution 1/1200;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 45 seconds



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
