

## 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

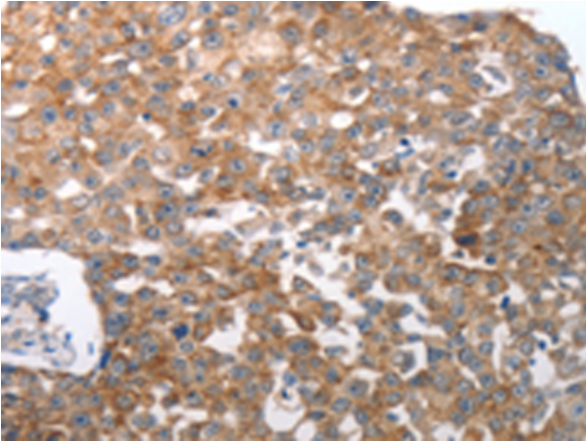
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

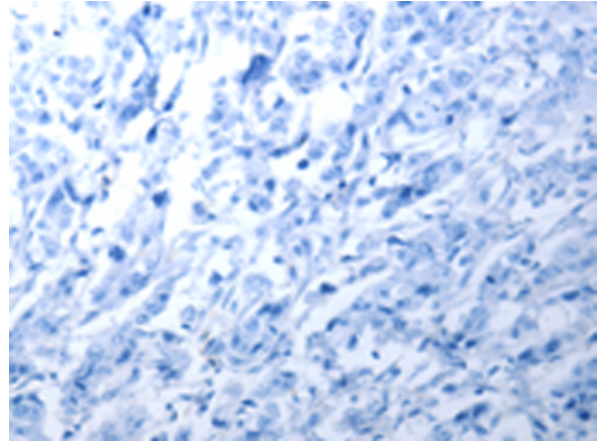
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Metabolism, Cell Biology

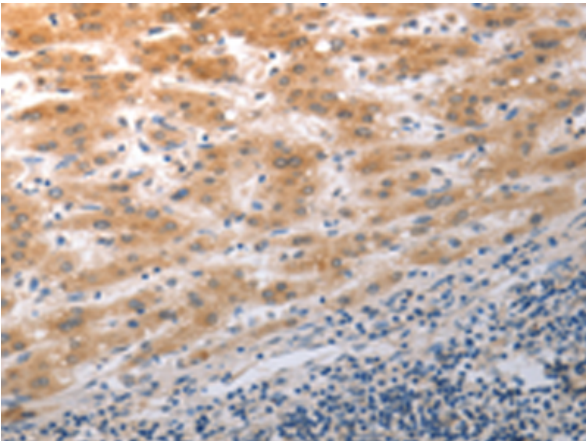
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



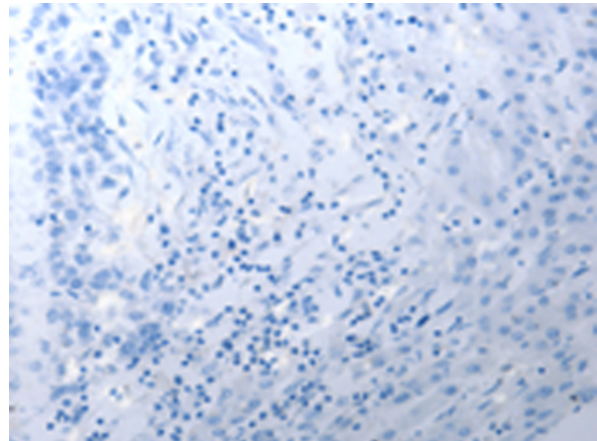
Immunohistochemistry analysis of paraffin embedded Human breast cancer tissue using 213914(NQO2 Antibody) at a dilution of 1/50(Cytoplasm).



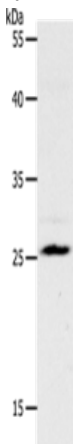
In comparison with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with the synthetic peptide and then with 213914(Anti-NQO2 Antibody) at dilution 1/50.



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

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