

NQO2 Polyclonal Antibody

catalog number: E-AB-12820

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

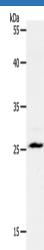
| | |
|---------------------|--|
| Reactivity | Human;Mouse |
| Immunogen | Synthetic peptide of human NQO2 |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Affinity purification |
| Conjugation | Unconjugated |
| buffer | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |

Applications

Recommended Dilution

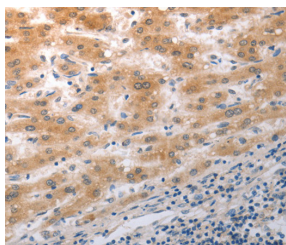
| | |
|------------|---------------|
| WB | 1:1000-1:5000 |
| IHC | 1:50-1:200 |

Data

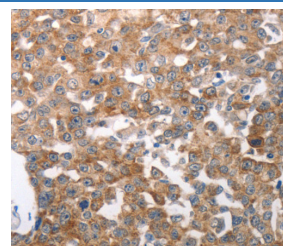


Western Blot analysis of Mouse liver tissue using NQO2 Polyclonal Antibody at dilution of 1:1200

Calculated-MV:26 kDa



Immunohistochemistry of paraffin-embedded Human liver cancer using NQO2 Polyclonal Antibody at dilution of 1:50



Immunohistochemistry of paraffin-embedded Human breast cancer using NQO2 Polyclonal Antibody at dilution of 1:50

Preparation & Storage

| | |
|-----------------|--|
| Storage | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| Shipping | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended. |

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.

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