# Rabbit NQO2 Polyclonal Antibody | anti-NQO2 antibody

NQO2 Polyclonal Antibody

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA175612** | **Rabbit** | **Human, Mouse, Rat** | **ELISA, Immunohistochemistry, Western Blot** |

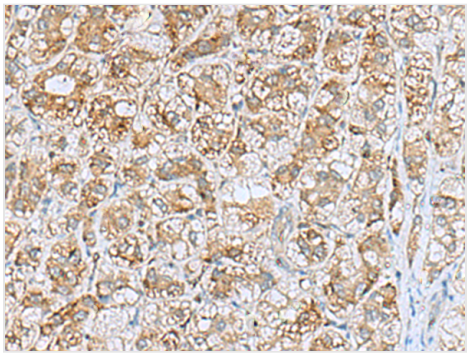
## PRODUCT SYNONYMS

NQO2; Polyclonal Antibody; NQO2 Polyclonal Antibody; DHQV; DIA6; EC 1.10.99.2; MGC94180; NAD(P)H dehydrogenase quinone 2; NAD(P)H menadione oxidoreductase 1 dioxin inducible 2; NAD(P)H menadione oxidoreductase 2 dioxin inducible; NMOR2; NQO 2; NRH dehydrogenase [quinone] 2; NRH dehydrogenase; NRH:quinone oxidoreductase 2; OTTHUMP00000015948; OTTHUMP00000015949; OTTHUMP00000015953; Ox 2; Ox2; QR2; Quinone; Quinone reductase 2; Ribosyldihydronicotinamide dehydrogenase [quinone]; Ribosyldihydronicotinamide dehydrogenase; anti-NQO2 antibody

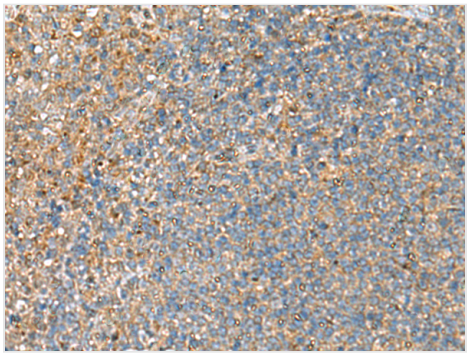
## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse, Rat |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Purity/Purification** | Antigen Affinity Purification |
| **Form/Format** | PBS with 0.05% NaN3 and 40% Glycerol, pH7.4 |
| **Concentration** | 1.2mg/mL (varies by lot) |
| **Sequence Length** | 231 |
| **Applicable Applications for anti-NQO2 antibody** | ELISA, IHC (Immunohistochemistry), WB (Western Blot) |
| **Immunogen** | Fusion protein of human NQO2 |
| **Conjugation** | Unconjugated |
| **Preparation and Storage** | Store at -20 degree C. Avoid freeze/thaw cycles. |

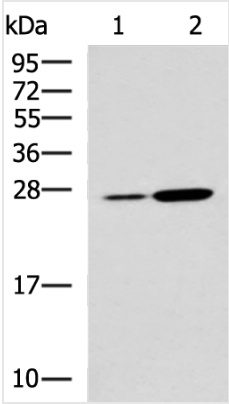
## IMAGES



**IHC (Immunohistochemisry)**
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using NQO2 Polyclonal Antibody at dilution of 1:70(×200



**IHC (Immunohiostchemistry)**
Immunohistochemistry of paraffin-embedded Human tonsil tissue using NQO2 Polyclonal Antibody at dilution of 1:70(×200




**WB (Western Blot)**
Western blot analysis of Mouse kidney tissue and Mouse liver tissue lysates using NQO2 Polyclonal Antibody at dilution of 1:1000

## ADDITIONAL INFORMATION

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|---|---|
| **Related Product Information for anti-NQO2 antibody** | 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. |
| **Product Categories/Family for anti-NQO2 antibody** | Cell Biology; Metabolism; Signal transduction |

## NCBI AND UNIPROT INFORMATION

| | |
|---|---|
| **NCBI GI #** | 317373581 |
| **NCBI GeneID** | 4835 |
| **UniProt Accession #** | P16083 |
| **Molecular Weight** | 26 kDa |
| **NCBI Official Full Name** | Ribosyldihydronicotinamide dehydrogenase |
| **NCBI Official Synonym Full Names** | N-ribosyldihydronicotinamide:quinone reductase 2 |
| **NCBI Official Symbol** | NQO2 |
| **NCBI Official Synonym Symbols** | QR2; DHQV; DIA6; NMOR2 |
| **NCBI Protein Information** | ribosyldihydronicotinamide dehydrogenase [quinone] |
| **UniProt Protein Name** | Ribosyldihydronicotinamide dehydrogenase [quinone] |
| **UniProt Gene Name** | **NQO2** |
| **UniProt Synonym Gene Names** | NMOR2; QR2 |
| **UniProt Entry Name** | NQO2_HUMAN |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/polyclonal/nqo2-antibody-immunohistochemistry-western-blot-elisa/175612