

KD-Validated Anti-NQO2 Rabbit Monoclonal Antibody
Rabbit monoclonal antibody
Catalog # AGI1592**Specification****KD-Validated Anti-NQO2 Rabbit Monoclonal Antibody - Product Information**

Application	WB, ICC
Primary Accession	P16083
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 26 kDa , observed , 26 kDa KDa
Gene Name	NQO2
Aliases	NQO2; N-Ribosyldihydronicotinamide:Quinone Dehydrogenase 2; QR2; N-Ribosyldihydronicotinamide:Quinone Reductase 2; NRH:Quinone Oxidoreductase 2; Quinone Reductase 2; NMOR2; DHQV; DIA6; Ribosyldihydronicotinamide Dehydrogenase [Quinone]; NAD(P)H Quinone Dehydrogenase 2; NAD(P)H Menadione Oxidoreductase-1, Dioxin-Inducible-2; NAD(P)H Menadione Oxidoreductase 2, Dioxin-Inducible; Ribosyldihydronicotinamide Dehydrogenase; NAD(P)H Dehydrogenase, Quinone 2; NRH Dehydrogenase [Quinone] 2; EC 1.10.5.1
Immunogen	A synthesized peptide derived from human NQO2

KD-Validated Anti-NQO2 Rabbit Monoclonal Antibody - Additional Information

Gene ID	4835
Other Names	Ribosyldihydronicotinamide dehydrogenase [quinone], 1.10.5.1, NRH dehydrogenase [quinone] 2, NRH:quinone oxidoreductase 2, Quinone reductase 2, QR2, NQO2, NMOR2

KD-Validated Anti-NQO2 Rabbit Monoclonal Antibody - Protein Information**Name** NQO2**Synonyms** NMOR2**Function**

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.

Cellular Location

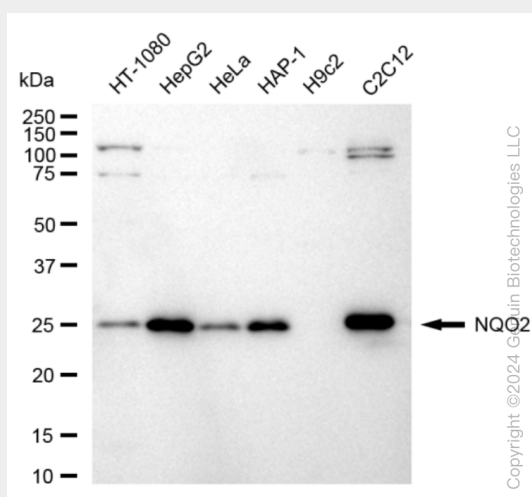
Cytoplasm.

KD-Validated Anti-NQO2 Rabbit Monoclonal Antibody - Protocols

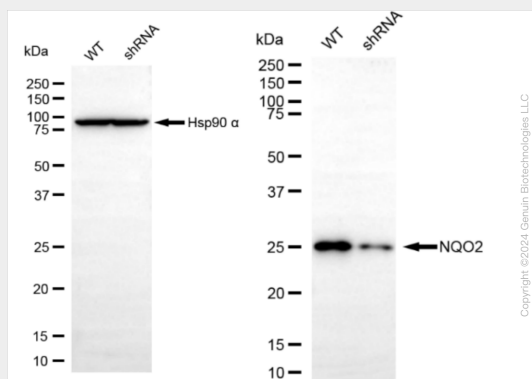
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

KD-Validated Anti-NQO2 Rabbit Monoclonal Antibody - Images

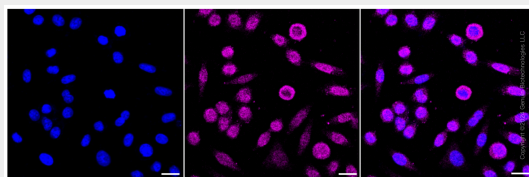


Western blotting analysis using anti-NQO2 antibody (Cat#62309). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-NQO2 antibody (Cat#62309, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).



Western blotting analysis using anti-NQO2 antibody (Cat#62309). NQO2 expression in wild type

(WT) and NQO2 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-NQO2 antibody (Cat#62309, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).



Immunocytochemical staining of HepG2 cells with anti-NQO2 antibody (Cat#62309, 1:1,000). Nuclei were stained blue with DAPI; NQO2 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar: 20 µm.