

KD-Validated Anti-NQO2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody Catalog # AGI1592

Specification

Aliases

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

Application WB, ICC Primary Accession P16083

Reactivity
Clonality
Isotype

Human, Mouse
Monoclonal
Rabbit IgG

Calculated MW Predicted, 26 kDa , observed , 26 kDa KDa NOO2

NQO2 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

NQ₀₂

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.

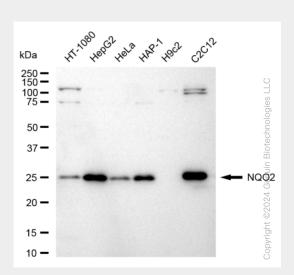
Cellular Location Cytoplasm.

KD-Validated Anti-NQO2 Rabbit Monoclonal Antibody - Protocols

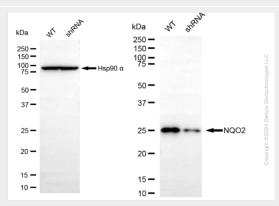
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

KD-Validated Anti-NQO2 Rabbit Monoclonal Antibody - Images



Western blotting analysis using anti-NQO2 antibody (Cat#AGI1592). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-NQO2 antibody (Cat#AGI1592, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

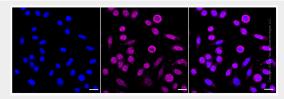


Western blotting analysis using anti-NQO2 antibody (Cat#AGI1592). NQO2 expression in wild





type (WT) and NQO2 shRNA knockdown (KD) HeLa cells with 20 μ g of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with anti-NQO2 antibody (Cat#AGI1592, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Immunocytochemical staining of HepG2 cells with anti-NQO2 antibody (Cat#AGI1592, 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: $20~\mu m$.