

Datasheet for ABIN7168220
anti-NQO2 antibody (AA 1-231)

5 Images

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Overview

Quantity:	100 µg
Target:	NQO2
Binding Specificity:	AA 1-231
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NQO2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant Human Ribosylidihydronicotinamide dehydrogenase [quinone] protein (1-231AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	NQO2
Alternative Name:	NQO2 (NQO2 Products)
Background:	Background: The enzyme apparently serves as a quinone reductase in connection with

Target Details

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.

Aliases: DHQV antibody, DIA6 antibody, EC 1.10.99.2 antibody, MGC94180 antibody, NAD(P)H dehydrogenase quinone 2 antibody, NAD(P)H menadione oxidoreductase 1 dioxin inducible 2 antibody, NAD(P)H menadione oxidoreductase 2 dioxin inducible antibody, NMOR2 antibody, NQO 2 antibody, NQO2 antibody, NQO2_HUMAN antibody, NRH dehydrogenase [quinone] 2 antibody, NRH dehydrogenase antibody, NRH:quinone oxidoreductase 2 antibody, OTTHUMP00000015948 antibody, OTTHUMP00000015949 antibody, OTTHUMP00000015953 antibody, Ox 2 antibody, Ox2 antibody, QR2 antibody, Quinone antibody, Quinone reductase 2 antibody, Ribosyldihydronicotinamide dehydrogenase [quinone] antibody, Ribosyldihydronicotinamide dehydrogenase antibody

UniProt: [P16083](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200, IP:1:200-1:2000,

Restrictions: For Research Use only

Handling

Format: Liquid

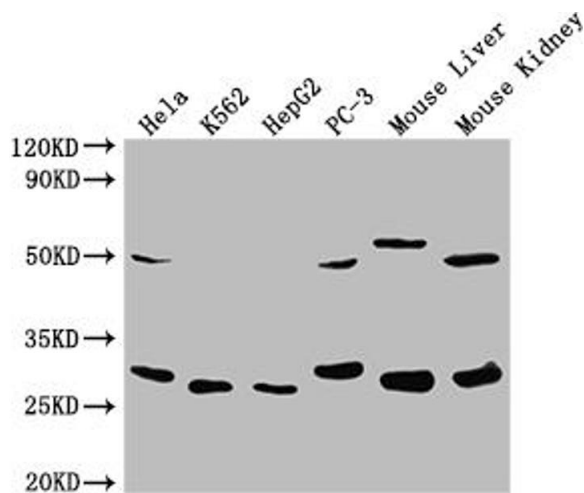
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

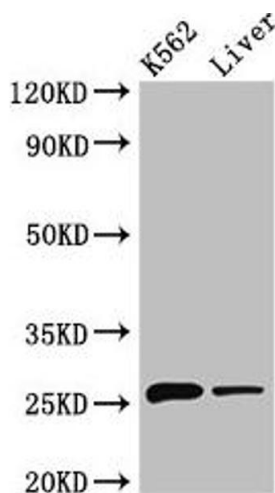
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



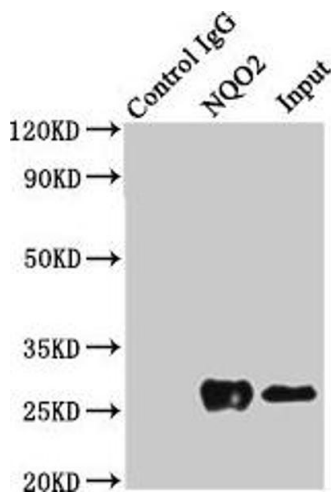
Western Blotting

Image 1. Western Blot Positive WB detected in: HeLa whole cell lysate, K562 whole cell lysate, HepG2 whole cell lysate, PC-3 whole cell lysate, Mouse Liver tissue, Mouse Kidney tissue All lanes: NQO2 antibody at 1:2000 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 26 kDa Observed band size: 26 kDa



Western Blotting

Image 2. Western Blot Positive WB detected in: K562 whole cell lysate, Mouse liver tissue All lanes: NQO2 antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 26 kDa Observed band size: 26 kDa



Western Blotting

Image 3. Immunoprecipitating NQO2 in K562 whole cell lysate Lane 1: Rabbit control IgG (1?g) instead of ABIN7168220 in K562 whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000) Lane 2: ABIN7168220 (8?g) + K562 whole cell lysate (500?g) Lane 3: K562 whole cell lysate (10?g)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7168220.