Rabbit NQO2 Polyclonal Antibody | anti-NQO2 antibody

NQO2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA37586	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunohistochemistry, Western Blot**

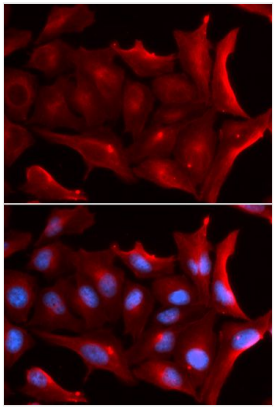
PRODUCT SYNONYMS

NQO2; Polyclonal Antibody; NQO2 Polyclonal Antibody; QR2; DHQV; DIA6; NMOR2; anti-NQO2 antibody

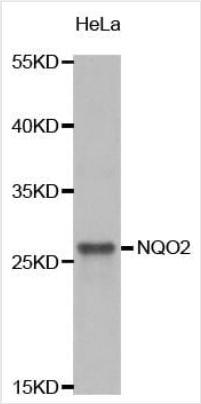
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	231
Applicable Applications for anti-NQO2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human NQO2
Calculated Molecular Weight	26kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of U2OS cells using NQO2 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of HeLa cells, using NQO2 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 90s.

ADDITIONAL INFORMATION

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 (summary by Wu et al., 1997 [PubMed 9367528]).
Product Categories/Family for anti-NQO2 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	317373581
NCBI GeneID	4835
UniProt Accession #	P16083; Q5TD04; B2R492
Molecular Weight	231
NCBI Official Full Name	Ribosyldihydronicotinamide dehydrogenase
NCBI Official Synonym Full Names	NAD(P)H dehydrogenase, quinone 2
NCBI Official Symbol	NQO2
NCBI Official Synonym Symbols	QR2; DHQV; DIA6; NMOR2
NCBI Protein Information	ribosyldihydronicotinamide dehydrogenase [quinone]; ribosyldihydronicotinamide dehydrogenase [quinone]; quinone reductase 2; NRH:quinone oxidoreductase 2; NAD(P)H menadione oxidoreductase-1, dioxin-inducible-2
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-immunofluorescence-immunohistochemistry-western-blot-elisa/37586