Rabbit NQO2 Polyclonal Antibody | anti-NQO2 antibody

NQO2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA176692	**Rabbit**	**Human, Mouse, Rat**	**ELISA, Immunohistochemistry, Western Blot**

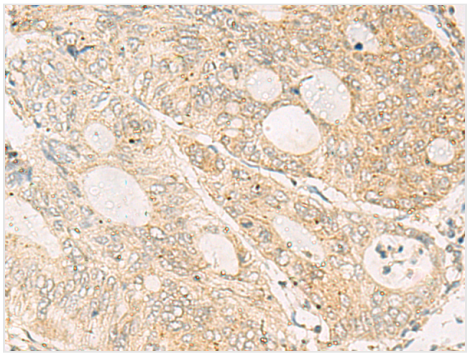
PRODUCT SYNONYMS

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

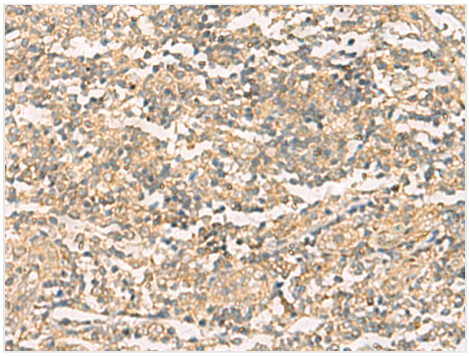
PRODUCT SPECIFICATIONS

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	0.72mg/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.

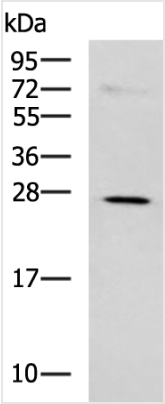
IMAGES



IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using NQO2 Polyclonal Antibody at dilution of 1:50(×200



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human tonsil tissue using NQO2 Polyclonal Antibody at dilution of 1:50(×200



WB (Western Blot)
Western blot analysis of K562 cell lysate using NQO2 Polyclonal Antibody at dilution of 1:650

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. 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/176692