

Rabbit NQO1 Polyclonal Antibody | anti-NQO1 antibody

NQO1 Antibody

CATALOG #	HOST	APPLICATIONS
AAA225071	Rabbit	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence

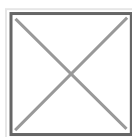
PRODUCT SYNONYMS

NQO1; Polyclonal Antibody; NQO1 Antibody; Affinity Purified Rabbit Polyclonal NQO1 Antibody; Polyclonal NQO1 antibody; Anti-NQO1 antibody; NAD(P)H:quinone oxidoreductase 1 antibody; NAD(P)H:Quinone acceptor oxidoreductase type 1 antibody; NAD(P)H:menadione oxidoreductase 1 antibody; NQO 1 antibody; NQO 1; NMOR1 antibody; NQO-1 antibody; dioxin-inducible 1 antibody; phyloquinone reductase antibody; NMOR1 antibody; NAD(P)H:quinone oxidoreductase antibody; QR1 antibody; NQO1 antibody; DT-diaphorase antibody; DHQU antibody; NQO-1; DTD antibody; diaphorase-4 antibody; diaphorase (NADH/NADPH) (cytochrome b-5 reductase) antibody; menadione reductase antibody; quinone reductase 1 antibody; NAD(P)H dehydrogenase [quinone] 1 antibody; DIA4 antibody; azoreductase antibody; anti-NQO1 antibody

PRODUCT SPECIFICATIONS

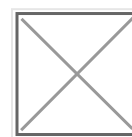
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti-NQO1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Immunogen	NQO1 antibody was raised in rabbit using a synthetic peptide corresponding to a region within amino acids 213 and 274 of NQO1
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



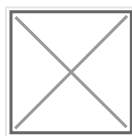
IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded CL1-0 xenograft using NQO1 antibody at a dilution of 1:500



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: Molt-4; B: Raji) using a 12% SDS PAGE gel and NQO1 antibody at a dilution of 1:1000



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using NQO1 antibody at 1:200 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-NQO1 antibody	This gene is a member of the NAD(P)H dehydrogenase (quinone) family and encodes a cytoplasmic 2-electron reductase. This FAD-binding protein forms homodimers and reduces quinones to hydroquinones. This protein's enzymatic activity prevents the one electron reduction of quinones that results in the production of radical species. Mutations in this gene have been associated with tardive dyskinesia (TD), an increased risk of hematotoxicity after exposure to benzene, and susceptibility to various forms of cancer. Altered expression of this protein has been seen in many tumors and is also associated with Alzheimer's disease (AD).
Product Categories/Family for anti-NQO1 antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

Molecular Weight	31 kDa
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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://stage.aaabiotech.com/polyclonal/nqo1-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/225071>