

Rabbit NQO1 Polyclonal Antibody | anti-NQO1 antibody

NQO1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA169133	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

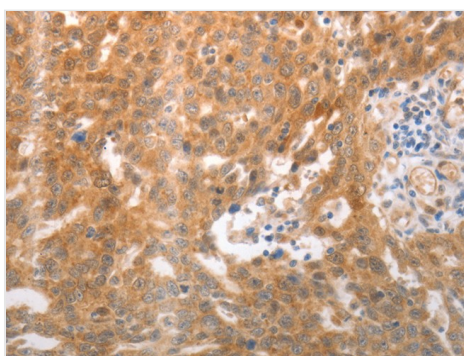
PRODUCT SYNONYMS

NQO1; Polyclonal Antibody; NQO1 Polyclonal Antibody; DTD; QR1; DHQU; DIA4; NMOR1; NMORI; anti-NQO1 antibody

PRODUCT SPECIFICATIONS

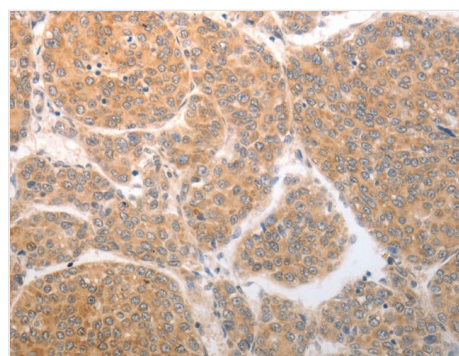
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.9mg/mL (varies by lot)
Sequence Length	202
Applicable Applications for anti-NQO1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Synthetic peptide of human NQO1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



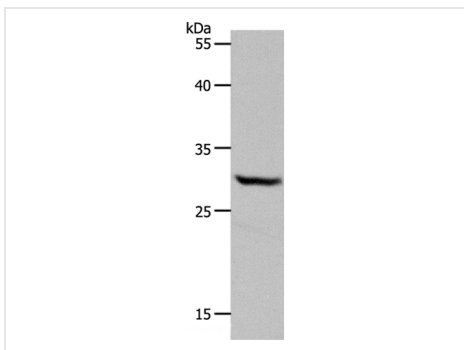
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human ovarian cancer using NQO1 Polyclonal Antibody at dilution of 1:25



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer using NQO1 Polyclonal Antibody at dilution of 1:25



WB (Western Blot)

Western Blot analysis of HeLa cell using NQO1 Polyclonal Antibody at dilution of 1:600

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). Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
Product Categories/Family for anti-NQO1 antibody	Epigenetics

NCBI AND UNIPROT INFORMATION

NCBI GI #	554790420
NCBI GeneID	1728
NCBI Accession #	NP_001273066.1
NCBI GenBank Nucleotide #	NM_001286137.1
Molecular Weight	26,365 Da
NCBI Official Full Name	NAD(P)H dehydrogenase
NCBI Official Synonym Full Names	NAD(P)H dehydrogenase, quinone 1
NCBI Official Symbol	NQO1
NCBI Official Synonym Symbols	DTD; QR1; DHQU; DIA4; NMOR1; NMORI
NCBI Protein Information	NAD(P)H dehydrogenase [quinone] 1; NAD(P)H dehydrogenase [quinone] 1; DT-diaphorase; NAD(P)H:Quinone acceptor oxidoreductase type 1; NAD(P)H:menadione oxidoreductase 1; NAD(P)H:quinone oxidoreductase 1; NAD(P)H:quinone oxireductase; azoreductase; diaphorase (NADH/NADPH) (cytochrome b-5 reductase); diaphorase-4; dioxin-inducible 1; menadione reductase; phyloquinone reductase; quinone reductase 1
UniProt Protein Name	NAD(P)H dehydrogenase [quinone] 1
UniProt Gene Name	NQO1
UniProt Synonym Gene Names	DIA4; NMOR1; DTD; QR1
UniProt Entry Name	NQO1_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.