

Rabbit anti-Human, Mouse NQO2 Polyclonal Antibody | anti-NQO2 antibody

NQO2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233703	Rabbit	Human, Mouse	Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

NQO2; Polyclonal Antibody; NQO2 Antibody; Ribosyldihyronicotinamide dehydrogenase [quinone]; NRH dehydrogenase [quinone] 2; NRH:quinone oxidoreductase 2; Quinone reductase 2; QR2; NMOR2; anti-NQO2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	231
Applicable Applications for anti-NQO2 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Ribosyldihyronicotinamide dehydrogenase [quinone] protein (1-231AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



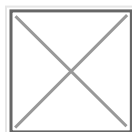
IP (Immunoprecipitation)

Immunoprecipitating NQO2 in K562 whole cell lysateLane 1: Rabbit control IgG (1ug)instead of AAA233703 in K562 whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000)Lane 2: AAA233703 (8ug)+ K562 whole cell lysate (500ug)Lane 3: K562 whole cell lysate (10ug)



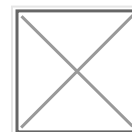
IHC (Immunohistochemistry)

Immunofluorescent analysis of Hela cells using AAA233703 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain tissue using AAA233703 at dilution of 1:100



WB (Western Blot)

Western BlotPositive WB detected in: K562 whole cell lysate, Mouse liver tissueAll lanes: NQO2 antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 26 KDaObserved band size: 26 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-NQO2 antibody	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	Cancer; Cell Biology; Metabolism; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	156564357
NCBI GeneID	4835
NCBI Accession #	NP_000895.2
NCBI GenBank Nucleotide #	NM_000904.4
UniProt Accession #	P16083; Q5TD04; B2R492
Molecular Weight	25,919 Da
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

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.