

NQO2 Antibody
Rabbit mAb
Catalog # AP90701**Specification**

NQO2 Antibody - Product Information

Application	WB, FC
Primary Accession	P16083
Reactivity	Rat
Clonality	Monoclonal
Other Names	
QR2; DHQV; DIA6; NMOR2;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	25919 Da

NQO2 Antibody - Additional Information

Dilution	WB~~1:1000 FC~~1:10~50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human NQO2
Description	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]).
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

NQO2 Antibody - Protein Information**Name** NQO2**Synonyms** NMOR2**Function**

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.

Cellular Location

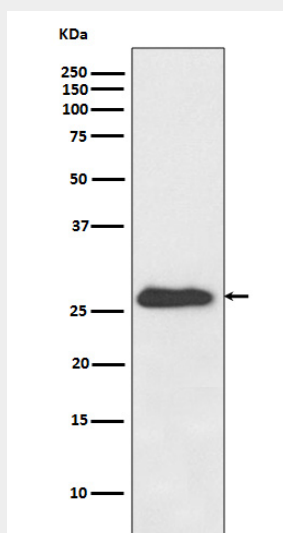
Cytoplasm.

NQO2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NQO2 Antibody - Images



Western blot analysis of NQO2 expression in Mouse heart lysate.