

NQO2 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP8618c**Specification**

NQO2 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	P16083
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	25919
Antigen Region	141-168

NQO2 Antibody (Center) - Additional Information**Gene ID** 4835**Other Names**

Ribosyldihydronicotinamide dehydrogenase [quinone], NRH dehydrogenase [quinone] 2, NRH:quinone oxidoreductase 2, Quinone reductase 2, QR2, NQO2, NMOR2

Target/Specificity

This NQO2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 141-168 amino acids from the Central region of human NQO2.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

NQO2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

NQO2 Antibody (Center) - 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

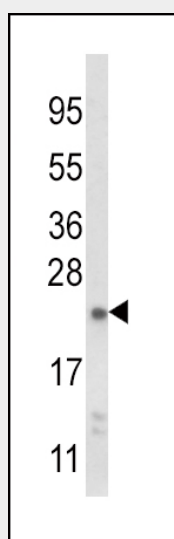
Cytoplasm.

NQO2 Antibody (Center) - 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 (Center) - Images



Western blot analysis of NQO2 Antibody (Center) (Cat. #AP8618c) in mouse liver tissue lysates (35ug/lane). NQO2 (arrow) was detected using the purified Pab.

NQO2 Antibody (Center) - Background

NQO2 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.

NQO2 Antibody (Center) - References

Foster,C.E., et.al., Biochemistry 38 (31), 9881-9886 (1999)
Wu,K., Knox,R., et.al., Arch. Biochem. Biophys. 347 (2), 221-228 (1997)