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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

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

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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.

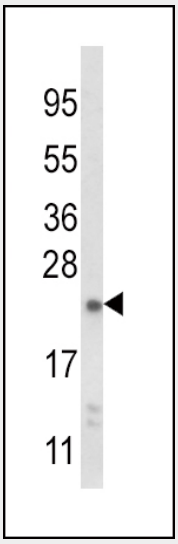
Cellular Location
Cytoplasm.

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 Cytomety
- 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)