

NQO2 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP8618c**Specification**

NQO2 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [P16083](#)**NQO2 Antibody (Center) Blocking Peptide - 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

The synthetic peptide sequence used to generate the antibody [AP8618c](/products/AP8618c) was selected from the Center region of human NQO2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

NQO2 Antibody (Center) Blocking Peptide - 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) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

NQO2 Antibody (Center) Blocking Peptide - Images

NQO2 Antibody (Center) Blocking Peptide - 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) Blocking Peptide - 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)