

**Product Name: NQO1 (8F17) Rabbit Monoclonal Antibody**  
**Catalog #: AMRe14864**

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## Summary

|                        |  |
|------------------------|--|
| <b>Production Name</b> | NQO1 (8F17) Rabbit Monoclonal Antibody |
| <b>Description</b>     | Rabbit Monoclonal Antibody             |
| <b>Host</b>            | Rabbit                                 |
| <b>Application</b>     | WB                                     |
| <b>Reactivity</b>      | Human,Mouse,Rat                        |

## Performance

|                     |  |
|---------------------|--|
| <b>Conjugation</b>  | Unconjugated   |
| <b>Modification</b> | Unmodified   |
| <b>Isotype</b>      | IgG  |
| <b>Clonality</b>    | Monoclonal   |
| <b>Form</b>         | Liquid   |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.                     |
| <b>Buffer</b>       | Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA. |
| <b>Purification</b> | Affinity purification  |

## Immunogen

|                          |   |
|--------------------------|---|
| <b>Gene Name</b>         | NQO1  |
| <b>Alternative Names</b> | Azoreductase; DT-diaphorase; DTD; QR1; NQO1; DIA4; NMOR1; |
| <b>Gene ID</b>           | 1728.0  |
| <b>SwissProt ID</b>      | P15559.A synthetic peptide of human NQO1                  |

## Application

|                         |                    |
|-------------------------|--------------------|
| <b>Dilution Ratio</b>   | WB: 1:2000-1:10000 |
| <b>Molecular Weight</b> | 31kDa              |

## Background

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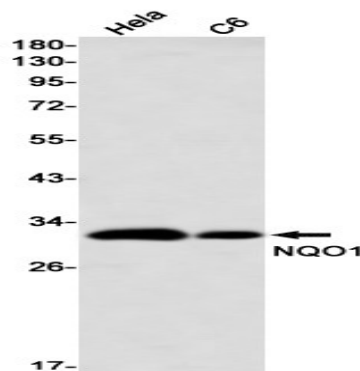
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NAD(P)H:quinone oxidoreductase 1 (NQO1) is a flavoprotein that catalyzes the two-electron reduction of quinones and their derivatives. The enzyme apparently serves as a quinone reductase in connection with conjugation reactions of hydroquinones involved in detoxification pathways as well as in biosynthetic processes such as the vitamin K-dependent gamma-carboxylation of glutamate residues in prothrombin synthesis. 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.

## Research Area

## Image Data



Western blot detection of NQO1 in HeLa, C6 cell lysates using NQO1 antibody(1:1000 diluted)

## Note

For research use only.