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## 11-8003: Polyclonal Antibody to NQO1

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|---|---|
| **Clonality :** | Polyclonal |
| **Application :** | WB |
| **Reactivity :** | Human |
| **Gene :** | NQO1 |
| **Gene ID :** | 1728 |
| **Uniprot ID :** | P15559 |
| **Format :** | Purified |
| **Alternative Name :** | NQO1,DIA4,NMOR1 |
| **Isotype :** | Rabbit IgG |
| **Immunogen Information :** | A partial length recombinant NQO1 protein (amino acids 50-274) was used as the immunogen for this antibody. |

## Description

NQO1 (NAD(P) H Dehydrogenase, Quinone 1) belongs to the NAD(P)H dehydrogenase (quinone) family and serves as a quinone reductase and it has NAD(P)H dehydrogenase (quinone) activity and cytochrome-b5 reductase activity. NQO1 catalyzes the 2-electron reduction of various quinones and redox dyes, such as, phyloquinone and the vitamin K, menadione. NQO1 proetin consists of 274 amino acids having molecular mass of 30 kDa. It exists in 3 isoforms produced by alternate splicing. NQO1 is associated with benzene toxicity, leukemia and post-chemotherapy diseases. It is expressed in adipose tissue, blood, brain, bone, spleen, etc.

## Product Info

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| **Amount :** | 25 µg / 100 µg |
| **Purification :** | Protein A Chromatography |
| **Content :** | 25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic. |
| **Storage condition :** | Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles. |

## Application Note

Western blot analysis: 1-3 Ã Âµg/ml

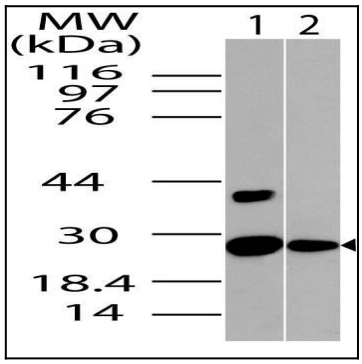


Fig-1: Western blot analysis of NQO1. Anti-NQO1 (11-8003) was used at 1 µg/ml on 1) HepG2 and 2) Hela lysates.