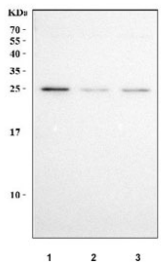
# NQO2 Antibody (RQ8297)

| Catalog No. | Formulation | Size |
|---|---|---|
| RQ8297 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Antigen affinity purified |
| **Buffer** | Lyophilized from 1X PBS with 2% Trehalose |
| **UniProt** | P16083 |
| **Applications** | Western Blot : 0.5-1ug/ml<br>Direct ELISA : 0.1-0.5ug/ml |
| **Limitations** | This NQO2 antibody is available for research use only. |




Western blot testing of human 1) HeLa, 2) A549 and 3) HepG2 cell lysate with NQO2 antibody. Predicted molecular weight ~26 kDa.

## Description

NAD(P)H dehydrogenase, quinone 2, also known as QR2, is a protein that in humans is encoded by the NQO2 gene. This gene encodes a member of the thioredoxin family of enzymes. It is a cytosolic and ubiquitously expressed flavoprotein that catalyzes the two-electron reduction of quinone substrates and uses dihydronicotinamide riboside as a reducing coenzyme. Mutations in this gene have been associated with neurodegenerative diseases and several cancers. Alternative splicing results in multiple transcript variants.

## Application Notes

Optimal dilution of the NQO2 antibody should be determined by the researcher.

## Immunogen

An E.coli-derived human recombinant protein (M1-Q231) was used as the immunogen for the NQO2 antibody.

## Storage

After reconstitution, the NQO2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.


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