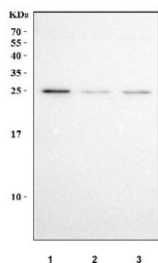


## NQO2 Antibody (RQ8297)

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

### Bulk quote request

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	P16083
<b>Applications</b>	Western Blot : 0.5-1ug/ml Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	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.