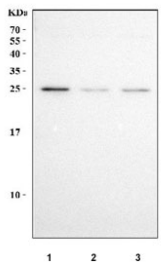
NQO2 Antibody (RQ8297)

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 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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