

Datasheet for ABIN3031928  
**anti-NQO1 antibody (AA 118-144)**

## 5 Images

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## Overview

Quantity:	0.4 mL
Target:	NQO1
Binding Specificity:	AA 118-144
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NQO1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Flow Cytometry (FACS)

## Product Details

Immunogen:	A portion of amino acids 118-144 from the human protein was used as the immunogen for this NQO1 antibody.
Isotype:	Ig Fraction
Purification:	Purified

## Target Details

Target:	NQO1
Alternative Name:	NQO1 ( <a href="#">NQO1 Products</a> )
Background:	NQO1 is a member of the NAD(P)H dehydrogenase(quinone) family and a cytoplasmic 2-electron reductase. This FAD-binding protein forms homodimers and reduces quinones to hydroquinones. This protein's enzymatic activity prevents the one electron reduction of

## Target Details

quinones that results in the production of radical species. Altered expression of the protein has been seen in many tumors and is also associated with Alzheimer's disease (AD).

UniProt: [P15559](#)

## Application Details

Application Notes: Titration of the NQO1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,Flow Cytometry: 1:10-1:50,Immunofluorescence: 1:10-1:50

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

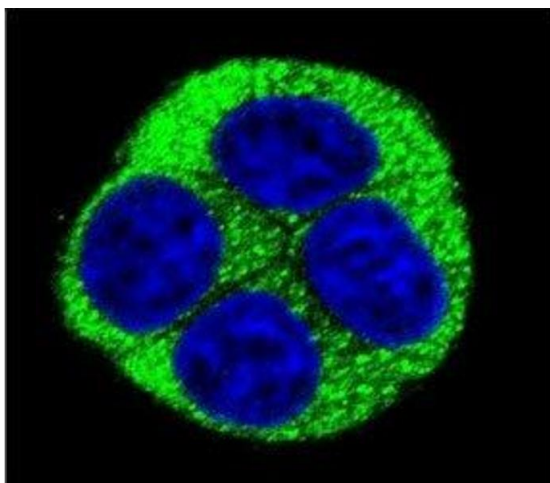
Storage Comment: Aliquot the NQO1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

## Images



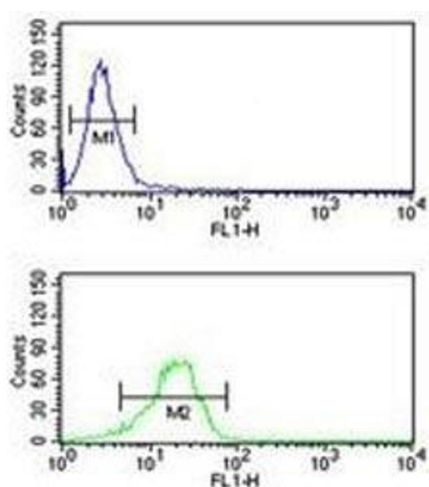
### Western Blotting

**Image 1.** Western blot analysis of NQO1 antibody and NCI-H460 lysate



#### Immunofluorescence

**Image 2.** Confocal immunofluorescent analysis of NQO1 antibody with HeLa cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).



#### Flow Cytometry

**Image 3.** NQO1 antibody flow cytometric analysis of NCI-H460 cells (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3031928.