

Datasheet for ABIN7430126
anti-NQO1 antibody (AA 2-274)

7 Images

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Overview

Quantity:	100 µL
Target:	NQO1
Binding Specificity:	AA 2-274
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to NADH Dehydrogenase, Quinone 1 (NQO1)
Immunogen:	Recombinant NADH Dehydrogenase, Quinone 1 (NQO1) corresponding to Val2~Lys274 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against NQO1. It has been selected for its ability to recognize NQO1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	NQO1
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Target Details

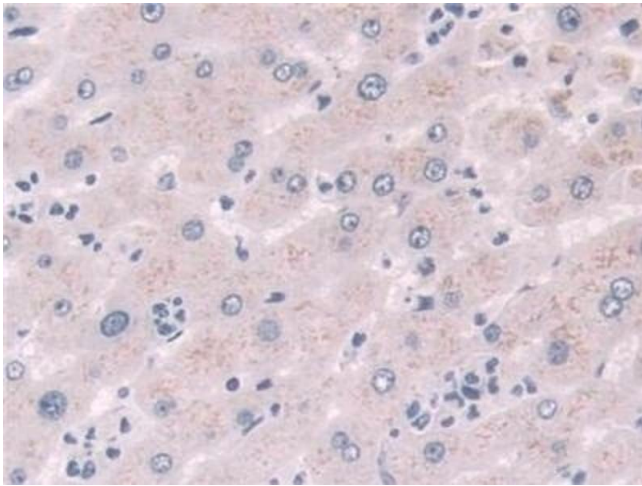
Alternative Name:	NADH Dehydrogenase, Quinone 1 (NQO1 Products)
Background:	DHQU, DIA4, DTD, NMOR1, NMORI, QR1, Azoreductase, DT-diaphorase, Menadione reductase, Phylloquinone reductase, Quinone reductase 1, NAD(P)H:quinone oxidoreductase 1

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

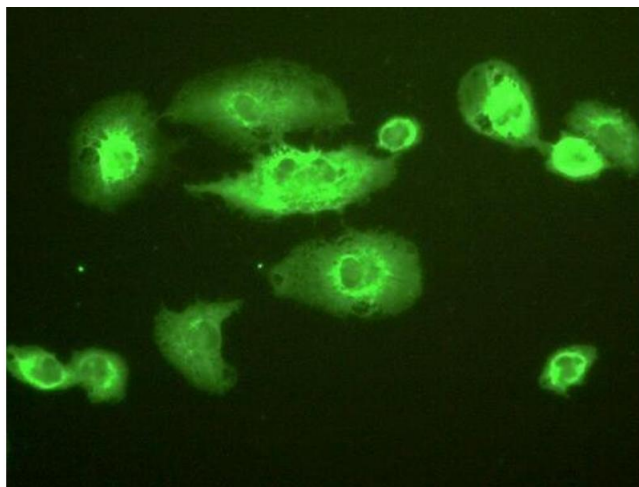
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



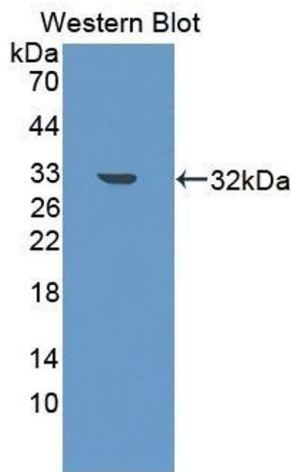
Immunohistochemistry

Image 1. Detection of NQO1 in Human Liver Tissue using Polyclonal Antibody to NADH Dehydrogenase, Quinone 1 (NQO1)



Immunofluorescence

Image 2. Detection of NQO1 in A549 cells using Polyclonal Antibody to NADH Dehydrogenase, Quinone 1 (NQO1)



Western Blotting

Image 3. Detection of Recombinant NQO1, Human using Polyclonal Antibody to NADH Dehydrogenase, Quinone 1 (NQO1)

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7430126.