

Datasheet for ABIN3022060
anti-NQO1 antibody (AA 1-50)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	NQO1
Binding Specificity:	AA 1-50
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NQO1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-50 of human NQO1 (NP_000894.1).
Sequence:	MVGRRALIVL AHSERTSFNY AMKEAAAAAL KKKGWEEVES DLYAMNFNPI
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	NQO1
Alternative Name:	NQO1 (NQO1 Products)

Target Details

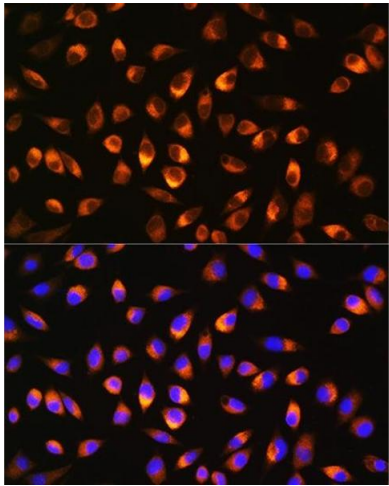
Background:	<p>This gene is a member of the NAD(P)H dehydrogenase (quinone) family and encodes a cytoplasmic 2-electron reductase. This FAD-binding protein forms homodimers and reduces quinones to hydroquinones. This protein's enzymatic activity prevents the one electron reduction of quinones that results in the production of radical species. Mutations in this gene have been associated with tardive dyskinesia (TD), an increased risk of hematotoxicity after exposure to benzene, and susceptibility to various forms of cancer. Altered expression of this protein has been seen in many tumors and is also associated with Alzheimer's disease (AD). Alternate transcriptional splice variants, encoding different isoforms, have been characterized.,DHQU,DIA4,DTD,NMOR1,NMORI,QR1,NQO1,Epigenetics & Nuclear Signaling,RNA Binding,Cancer,Signal Transduction,Endocrine & Metabolism,Drug metabolism,NQO1</p>
Molecular Weight:	26 kDa/27 kDa/30 kDa
Gene ID:	1728
UniProt:	P15559

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

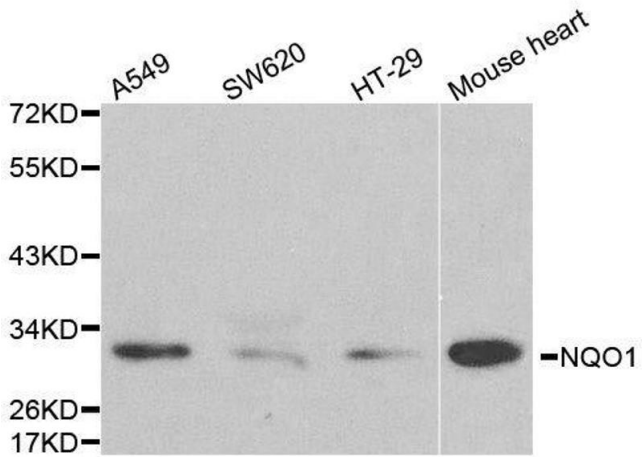
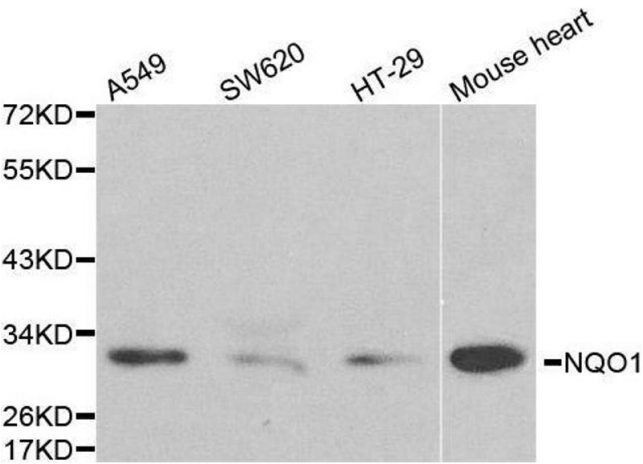
Image 1. Immunofluorescence analysis of L929 cells using NQO1 Rabbit pAb (ABIN3022059, ABIN3022060, ABIN3022061 and ABIN6218589) at dilution of 1:100. Blue: DAPI for nuclear staining.

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using NQO1 antibody.

Western Blotting

Image 3. Western blot analysis of extracts of various cell lines, using NQO1 antibody.



Please check the [product details page](#) for more images. Overall 4 images are available for ABIN3022060.