

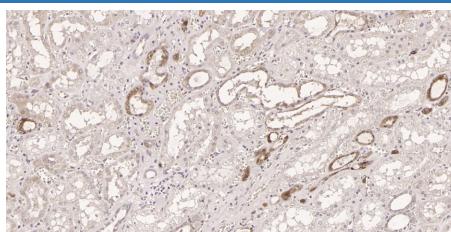
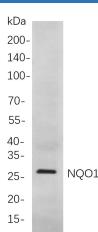
## Recombinant NQO1 Monoclonal Antibody

**catalog number: AN300988L**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

<b>Description</b>	
<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Recombinant Human NQO1 protein
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG, $\kappa$
<b>Clone</b>	B739
<b>Purification</b>	Protein A
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.
<b>Applications</b>	
<b>Recommended Dilution</b>	
<b>IHC</b>	1:200-1:1000
<b>WB</b>	1:1000-1:5000
<b>IF</b>	1:200-1:1000
<b>ELISA</b>	1:5000-1:20000

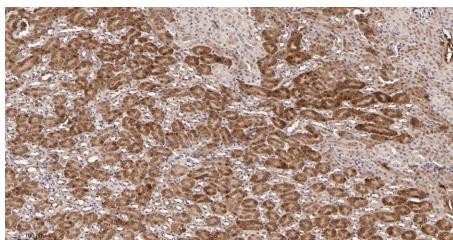
## Data



Western Blot with Recombinant NQO1 Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: Hela cells. Immunohistochemistry of paraffin-embedded human kidney tissue using Recombinant NQO1 Monoclonal Antibody at dilution of 1:200.

Observed-MW:31 kDa

**Calculated-MW:31 kDa**



Immunohistochemistry of paraffin-embedded mouse kidney tissue using Recombinant NQO1 Monoclonal Antibody at dilution of 1:200

## Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	Ice bag

## Background

For Research Use Only

Toll-free: 1-888-852-8623

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Rev. V1.2

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.

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