

## Anti-NQO1 Rabbit pAb



WL04860

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti-NQO1 Rabbit pAb	
<b>Source</b>	Rabbit	
<b>Species reactivity</b>	Human, Mouse, Rat	
<b>Tested applications</b>	WB	1:500-1:1000
	IHC	1:100-1:400
	IF	1:100-1:400
<b>Cellular localization</b>	Cytoplasm	
<b>Pack size</b>	50/100/200/500/1000μl	
<b>Storage</b>	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>	
<b>Storage buffer</b>	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml	
	BSA, 50% glycerol and less than 0.02% sodium azide	

## General Information

<b>Background</b>	NQO1, also named as DTD , QR1, belongs to the NAD(P)H dehydrogenase (quinone) family. This enzyme apparently serves as a quinone reductase in connection with conjugation reactions of hydroquinons involved in detoxification pathways as well as in biosynthetic processes such as the vitamin K-dependent gamma-carboxylation of glutamate residues in prothrombin synthesis.
<b>Immunogen</b>	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of NQO1.
<b>Purification</b>	Polyclonal antibody was purified by immunogen affinity chromatography.

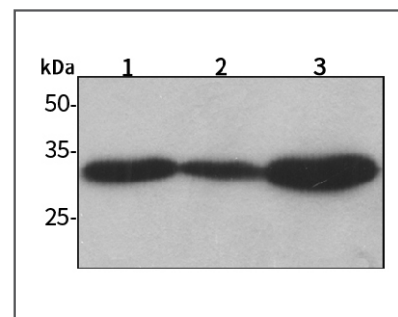
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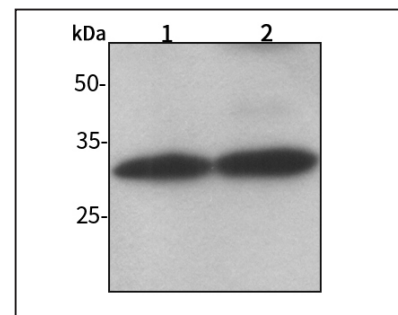
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## Product Images



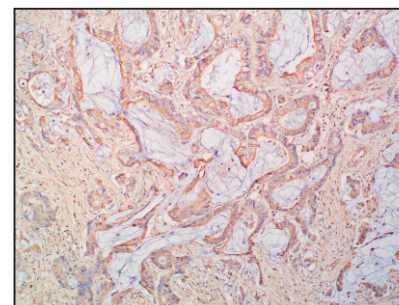
Western blot-Anti-NQO1 pAb

Lane 1: Human HUVEC cell lysate  
 Lane 2: Human SW480 cell lysate  
 Lane 3: Human A549 cell lysate  
 All lanes: Anti-NQO1 at 1:1000 dilution  
 Lysates/proteins at 20-50 μg per lane.  
 Predicted band size: 31 kDa  
 Observed band size: 30 kDa



Western blot-Anti-NQO1 pAb

Lane 1: Mouse liver tissue lysate  
 Lane 2: Rat colon tissue lysate  
 All lanes: Anti-NQO1 at 1:1000 dilution  
 Lysates/proteins at 20-50 μg per lane.  
 Predicted band size: 31 kDa  
 Observed band size: 30 kDa



Immunohistochemistry-Anti-NQO1 pAb

Immunohistochemical analysis of paraffin-embedded human colon cancer using anti-NQO1 Rabbit Antibody at 1:200 dilution.  
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

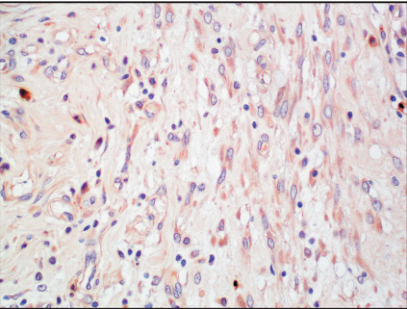
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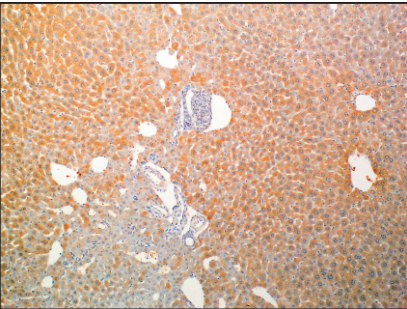
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### Immunohistochemistry-Anti-NQO1 pAb

Immunohistochemical analysis of paraffin-embedded human bladder cancer using anti-NQO1 Rabbit Antibody at 1:200 dilution.

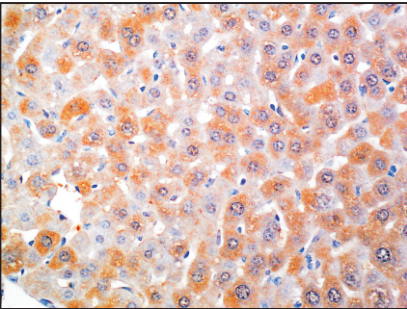
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



### Immunohistochemistry-Anti-NQO1 pAb

Immunohistochemical analysis of paraffin-embedded mouse liver using anti-NQO1 Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



### Immunohistochemistry-Anti-NQO1 pAb

Immunohistochemical analysis of paraffin-embedded mouse liver using anti-NQO1 Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

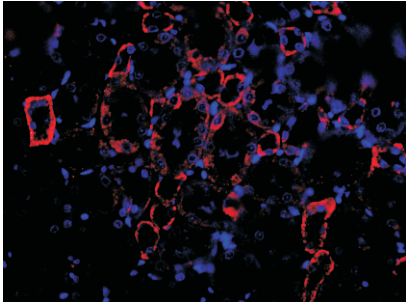
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### Immunofluorescence-Anti-NQO1 pAb

Immunofluorescence analysis of paraffin-embedded rat kidney using anti-NQO1 Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0