

Product Datasheet

Anti-NQO1 Rabbit pAb



WL04860

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-NQO1 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:500-1:1000
	IHC	1:100-1:400
	IF	1:100-1:400
Cellular localization	Cytoplasm	
Pack size	50/100/200/500/1000μl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	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

Background	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 hydroquinones involved in detoxification pathways as well as in biosynthetic processes such as the vitamin K-dependent gamma-carboxylation of glutamate residues in prothrombin synthesis.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of NQO1.
Purification	Polyclonal antibody was purified by immunogen affinity chromatography.

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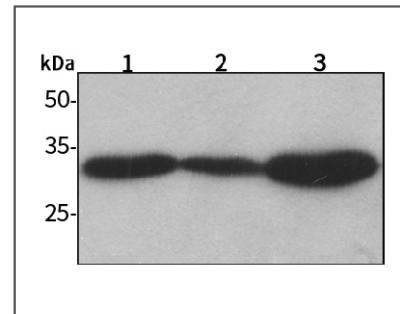
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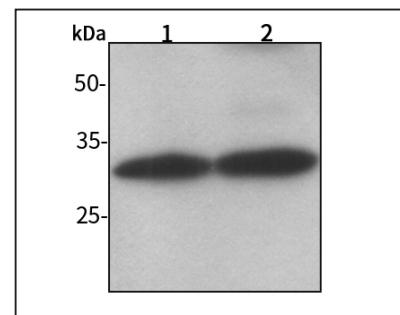
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Product Images



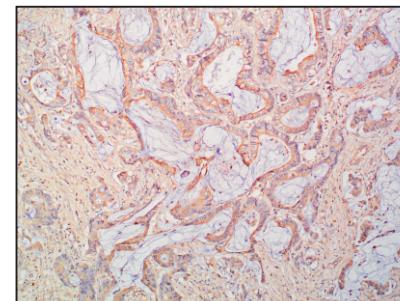
Western blot-Anti-NQO1 pAb

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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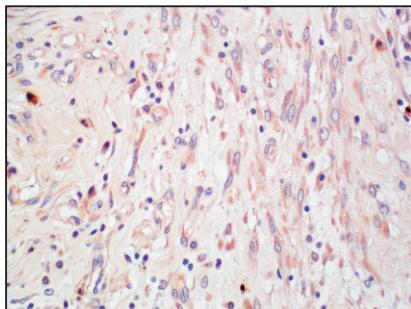
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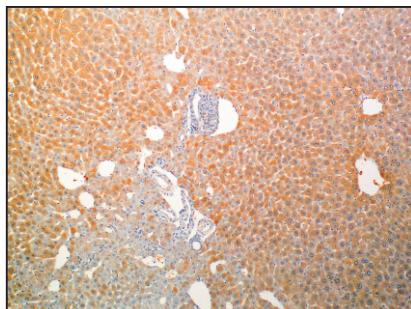
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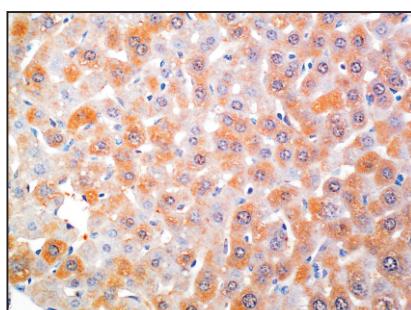
Immunohistochemistry-Anti-NQO1 pAb

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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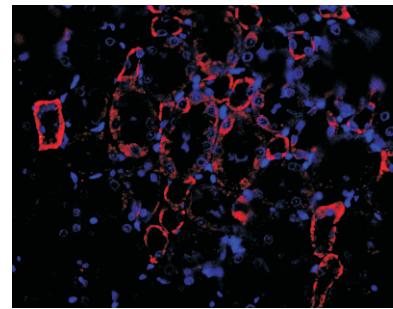
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Immunofluorescence-Anti-NQO1 pAb

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