

# NQO1 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human NQO1(Accession P15559), corresponding to amino acid residues V243-K274.
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS with 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20°C
RRID	AB_2900301

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	1 Publication
Immunocytochemistry (ICC/IF)	1:100-1:400	-

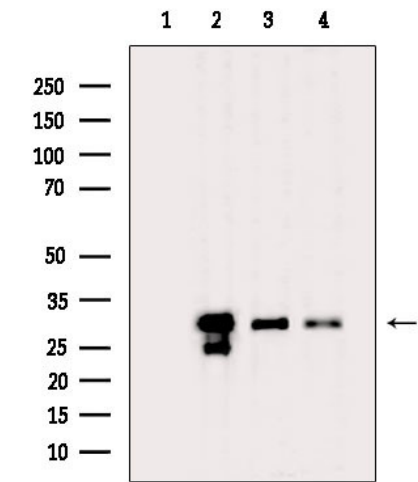
## Product Specific Information

Antibody detects endogenous levels of total NQO1.

Product Images For NQO1 Polyclonal Antibody

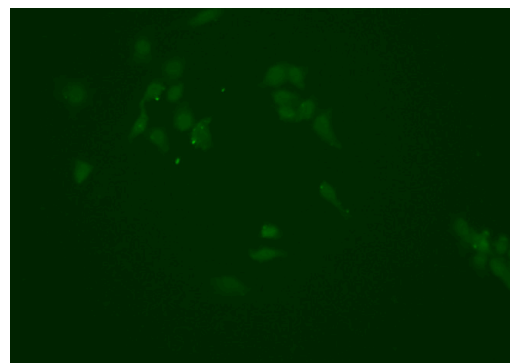
NQO1 Antibody (PA5-115666) in WB

Western blot analysis of NQO1 in extracts from various samples. Samples were incubated with NQO1 polyclonal antibody (Product # PA5-115666). Lane 1: Rat liver, blocked with antigen-specific peptides; Lane 2: Rat liver; Lane 3: Hela cells (heat-shock treatment); Lane 4: Hepg2 cells (heat-shock treatment).



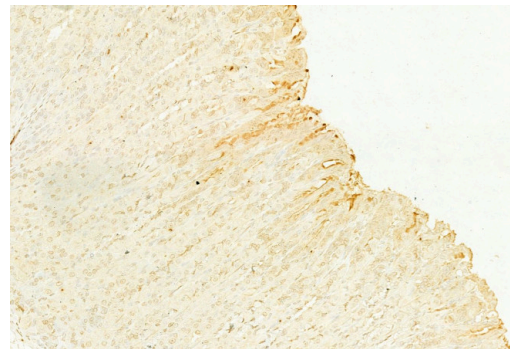
NQO1 Antibody (PA5-115666) in ICC/IF

Immunocytochemistry analysis of NQO1 in HEPG2 cells. Samples were treated with PFA, permeabilized in 0.1% saponin prior to blocking in 10% serum (45 min at 37°C), and incubated with polyclonal antibody (Product # PA5-115666) at a dilution of 1:200 (1 hr at 37°C). Secondary staining was applied with Alexa Fluor 488 conjugated goat anti-rabbit IgG using a dilution of 1:600.



NQO1 Antibody (PA5-115666) in IHC (P)

Immunohistochemistry analysis of NQO1 in mouse stomach tissue. Samples were treated with formaldehyde and treated with citrate buffer for antigen retrieval, blocked, and incubated (1.5 hours at 22°C) with polyclonal antibody (Product # PA5-115666) at a dilution of 1:100. Secondary staining was applied with HRP conjugated anti-Rabbit.



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Immunohistochemistry (1)

Antioxidants (Basel, Switzerland)	Year 2023
The Triterpenoid CDDO-Methyl Ester Redirects Macrophage Polarization and Reduces Lung Tumor Burden in a Nrf2-Dependent Manner.	Species Mouse
"PA5-115666 was used in Immunohistochemistry to show that Nrf2 KO exacerbates lung tumorigenesis in A/J mice, and CDDO-Me promotes an Nrf2-dependent, anti-cancer macrophage phenotype."	Dilution 1:100 1:100
Authors: Moerland JA,Leal AS,Lockwood B,Demireva EY,Xie H,Krieger-Burke T,Liby KT	

Immunohistochemistry (Paraffin) (1)

Antioxidants (Basel, Switzerland)	Year 2023
The Triterpenoid CDDO-Methyl Ester Redirects Macrophage Polarization and Reduces Lung Tumor Burden in a Nrf2-Dependent Manner.	Species Mouse
"PA5-115666 was used in Immunohistochemistry to show that Nrf2 KO exacerbates lung tumorigenesis in A/J mice, and CDDO-Me promotes an Nrf2-dependent, anti-cancer macrophage phenotype."	Dilution 1:100 1:100
Authors: Moerland JA,Leal AS,Lockwood B,Demireva EY,Xie H,Krieger-Burke T,Liby KT	

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