

NQO1 Polyclonal Antibody

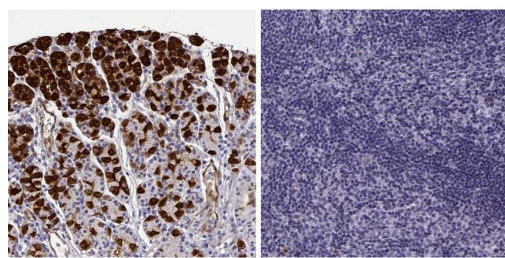
Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein corresponding to Human NQO1
Form	Liquid
Concentration	0.2 mg/mL
Purification	Affinity Chromatography
Storage buffer	PBS, pH 7.2, with 40% glycerol
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2789453

Applications	Tested Dilution	Publications
Western Blot (WB)	0.04-0.4 µg/mL	2 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:200-1:500	-
Immunocytochemistry (ICC/IF)	0.25-2 µg/mL	-

Product Specific Information

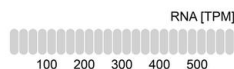
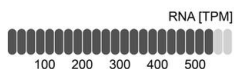
Immunogen sequence: FRSKKAVLSI TTGGSGSMYS LQGIHGDMNV ILWPIQSGIL HFCGFQVLEP QLTYSIGHTP ADARIQILEG WKKRLENIWD ETPLYFAPSS LFDLNFQAGF LMKKEVQDEE KNKKFGLSVG HHLGKSIPTD NQIKAR

Product Images For NQO1 Polyclonal Antibody



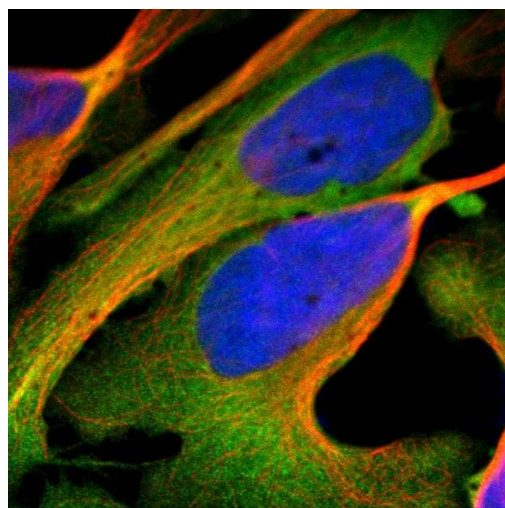
NQO1 in Stomach

NQO1 in Lymph node



NQO1 Antibody (PA5-82294)

Relative expression in different tissues in IHC: Detection of differential expression levels of NQO1 demonstrates antibody specificity. Immunohistochemical analysis of NQO1 using anti-NQO1 Polyclonal Antibody (Product #PA5-82294), shows significant staining of NQO1 in stomach and shows minimal or weak staining in lymph node tissues. The relative expression levels of NQO1 within each tissue is shown using RNA-Seq. {RE}

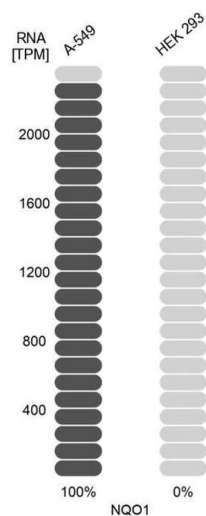
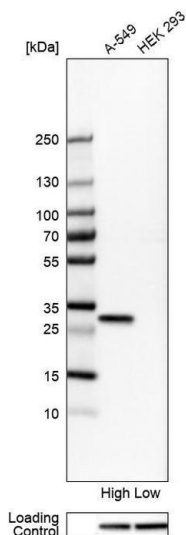


NQO1 Antibody (PA5-82294) in ICC/IF

Immunofluorescent analysis of NQO1 in U-2 OS cells using a NQO1 polyclonal antibody (Product # PA5-82294). The analysis shows localization to cytosol.

NQO1 Antibody (PA5-82294)

Relative expression in western blot: Antibody specificity was demonstrated by detection of known differential basal expression of the target across tissue/cell models. Expression of NQO1 was observed specifically in A-549 cells and in HEK293 cells using anti-NQO1 Polyclonal Antibody (Product #PA5-82294) in western blot. The relative expression levels of NQO1 within each cell line is shown using RNA-Seq. {RE}



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Western Blot (2)

International journal of molecular sciences

Cardiac Protective Effect of Kirenol against Doxorubicin-Induced Cardiac Hypertrophy in H9c2 Cells through Nrf2 Signaling via PI3K/AKT Pathways.

"Published figure using NQO1 polyclonal antibody (Product # PA5-82294) in Western Blot"

Authors: Alzahrani AM,Rajendran P,Veeraraghavan VP,Hanieh H

Species
Not Applicable

Dilution
Not Cited

Year
2021

International journal of molecular sciences

Kaempferol Inhibits Zearalenone-Induced Oxidative Stress and Apoptosis via the PI3K/Akt-Mediated Nrf2 Signaling Pathway: In Vitro and In Vivo Studies.

"PA5-82294 was used in Western Blotting to demonstrate that kaempferol possesses notable hepatoprotective roles against zearalenone-induced damage, potentially through the stimulation of Nrf2/HO-1 cascades and PI3K/Akt signalling."

Authors: Rajendran P,Ammar RB,Al-Saeedi FJ,Mohamed ME,EINaggar MA,Al-Ramadan SY,Bekhet GM,Soliman AM

Species
Human
Not Applicable

Dilution
Not Cited
Not Cited

Year
2020

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