Anti-NQO1 antibody (1-274) (STJ24804)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

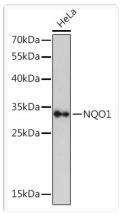
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:100-1:500 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 31kDa Observed Mw: 31kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

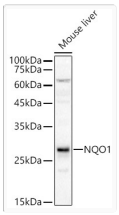
Gene ID	1728
Gene Symbol	NQO1
UniProt ID	NQO1_HUMAN
Immunogen Region	1-274
Immunogen Sequence	MVGRRALIVLAHSERTSFNY AMKEAAAAALKKKGWEVVES DLYAMNFNPIISRKDITGKL KDPANFQYPAESVLAYKEGH LSPDIVAEQKKLEAADLVIF QFPLQWFGVPAILKGWFERV FIGEFAYTYAAMYDKGPFRS KKAVLSITTGGSGSMYSLQG IHGDMNVILWPIQSGILHFC GFQVLEPQLTYSIGHTPADA RIQILEGWKKRLENIWDETP LYFAPSSLFDLNFQAGFLM
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-274 of human NQO1 (NP_000894.1).

ADDITIONAL INFORMATION

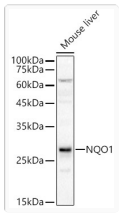
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



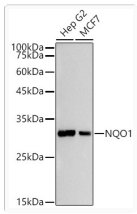
Western blot analysis of lysates from HeLa cells, using NQO1 Rabbit pAb (STJ24804) at 1:3000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 90s.



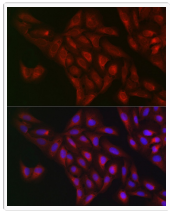
Western blot analysis of lysates from Mouse liver, using NQO1 Rabbit pAb (STJ24804) at 1:400 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 30s.



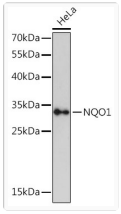
Western blot analysis of various lysates, using NQO1 Rabbit pAb (STJ24804) at 1:500 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 3s.



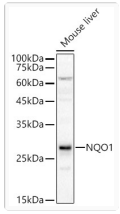
Immunofluorescence analysis of NIH/3T3 cells using NQO1 Rabbit pAb (STJ24804) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.



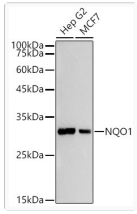
Immunofluorescence analysis of PC-12 cells using NQO1 Rabbit pAb (STJ24804) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.



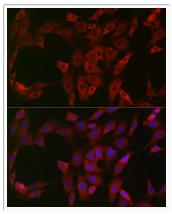
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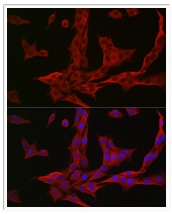
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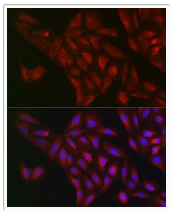
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Immunofluorescence analysis of NIH/3T3 cells using NQO1 Rabbit pAb (STJ24804) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using NQO1 Rabbit pAb (STJ24804) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using NQO1 Rabbit pAb (STJ24804) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.

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