

**Anti-NQO1 antibody (1-274) (STJ24805)**  
STJ24805

**GENERAL INFORMATION**

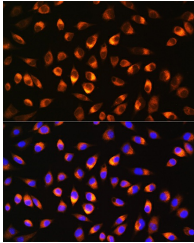
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IHC-P/IF/ICC/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

**PRODUCT PROPERTIES**

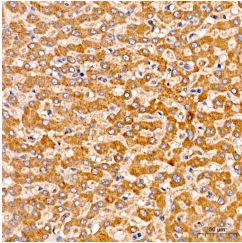
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution</b>	WB:1:500-1:1000
<b>Range</b>	IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
<b>Isotype</b>	IgG
<b>Storage</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
<b>Instruction</b>	

**TARGET INFORMATION**

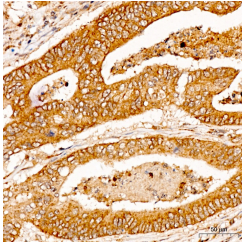
<b>Gene ID</b>	1728
<b>Gene Symbol</b>	NQO1
<b>Uniprot ID</b>	NQO1_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	1-274
<b>Specificity</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1-274 of human NQO1 (NP_000894.1).
<b>Immunogen Sequence</b>	MVGRRALIVLAHSERTSFNY AMKEAAAAALKKKGWVVES DLYAMNFNPISRKDITGKL KDPANFQYPAESVLAYKEGH LSPDIVAEQKKLEAADLVIF QFPLQWFGVPAILKGWFERV FIGEFAITYAAMYDKGPFRS KKAVLSITGGSGSMYSLQG IHGDMNVILWPIQSGILHFC GFQVLEPQLTYSIGHTPADA RIQILEGWKKRLNIWDETP LYFAPSSFLDLNFQAGFLM



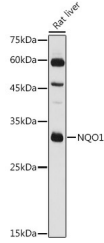
Immunofluorescence analysis of L929 cells using NQO1 Rabbit polyclonal antibody (STJ24805) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of NQO1 in paraffin-embedded human liver tissue using NQO1 Rabbit polyclonal antibody (STJ24805) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of NQO1 in paraffin-embedded human colon carcinoma tissue using NQO1 Rabbit polyclonal antibody (STJ24805) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Western blot analysis of lysates from Rat liver, using NQO1 Rabbit polyclonal antibody (STJ24805) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081