

Anti-NQO1 antibody (C-Term) (STJ70143)

STJ70143

GENERAL INFORMATION

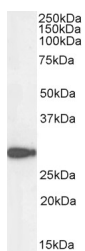
Product Type	Primary antibodies
Short Description	Goat polyclonal antibody anti-NQO1 (C-Term) is suitable for use in ELISA, Western Blot, Immunofluorescence and Immunohistochemistry research applications.
Applications	Pep-ELISA/WB/IF/IHC
Host/Source	Goat
Reactivity	Human/Rat/Dog/Pig

PRODUCT PROPERTIES

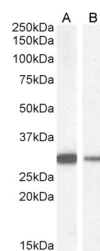
Clonality	Polyclonal
Clone ID	
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:64000. WB: Approx. 30kDa band observed in lysates of cell lines U251 and HepG2 and in Human Kidney, Lung and Duodenum lysates, and approx. 30-32kDa band in Rat Kidney, Lung and Duodenum lysates (
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype	IgG
Storage Instruction	Store at -20°C on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

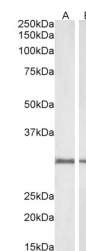
Gene ID	1728
Gene Symbol	NQO1
Uniprot ID	NQO1_HUMAN
Immunogen	
Immunogen Region	C-Term
Specificity	This products is expected to recognize all three reported isoforms (NP_000894.1, NP_001020604.1 and NP_001020605.1).
Immunogen Sequence	SIPTDNQIKARK



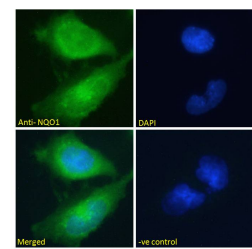
STJ70143 staining (0.1 μ g/ml) of U251 cell lysate (RIPA buffer, 35 μ g total protein per lane). Detected using chemiluminescence.



STJ70143 staining (0.03 μ g/ml) of Human Kidney (A) and (0.3 μ g/ml) Lung (B) lysate (RIPA buffer, 35 μ g total protein per lane). Detected using chemiluminescence.



STJ70143 (1 μ g/ml) staining of Rat (A) and Pig (B) kidney lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence



STJ70143 Immunofluorescence analysis of paraformaldehyde fixed U251 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 μ g/ml) followed by Alexa Fluor 488 secondary antibody (2 μ g/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 μ g/ml) followed by Alexa Fluor 488 secondary antibody (2 μ g/ml).

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.

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