

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

STJ70143

GENERAL INFORMATION

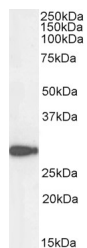
Product Type	Primary antibodies
Short Description	Goat polyclonal antibody anti-NQO1 (C-Term) is suitable for use in ELISA, Western Blot and Immunohistochemistry research applications.
Applications	Pep-ELISA, WB, IHC
Host/Source	Goat
Reactivity	Human, Rat, Dog, Pig

PRODUCT PROPERTIES

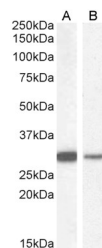
Clonality	Polyclonal
Clone ID	
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	IHC-5µg/ml IF-Strong expression of the protein seen in the cytoplasm of HepG2 and U251 cells. 5-10µg/ml ELISA-antibody detection limit dilution 1:64000.
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Isotype	IgG
Storage Instruction	Store at -20 on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

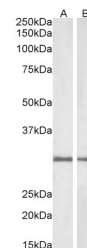
Gene ID	1728
Gene Symbol	NQO1
Uniprot ID	NQO1_HUMAN
Immunogen	
Immunogen Region	C-Term
Specificity	This products is expected to recognize all three reported isoforms (NP_000894.1, NP_001020604.1 and NP_001020605.1).
Immunogen Sequence	SIPTDNQIKARK



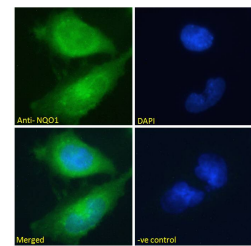
STJ70143 staining (0.1µg/ml) of U251 cell lysate (RIPA buffer, 35µg total protein per lane). Detected using chemiluminescence.



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



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



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