Anti-NQO1-Isoform a antibody (Internal) (STJ72517)

STJ72517

GENERAL INFORMATION

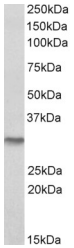
Product Type Primary antibodies
Short Description Goat polyclonal antibody anti-NQO1-Isoform a (Internal) is suitable for use in ELISA and Western Blot research applications.
Applications Pep-ELISA, WB-Trf
Host/Source Goat
Reactivity Human, Dog, Pig, Cow

PRODUCT PROPERTIES

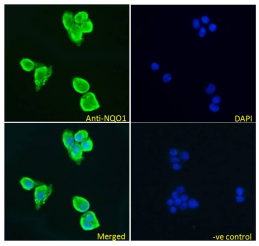
Clonality Polyclonal
Clone ID
Concentration 0.5 mg/mL
Conjugation Unconjugated
Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range WB-0.3-1µg/ml
IHC-3.75µg/ml
IF-Strong expression of the protein seen in the cytoplasm of HepG2 cells. 5µg/ml
ELISA-antibody detection limit dilution 1:32000.
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 on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

Gene ID 1728
Gene Symbol NQO1
Uniprot ID NQO1_HUMAN
Immunogen
Immunogen Region Internal
Specificity This antibody is expected to recognize reported isoform a (NP_000894.1) only.
Immunogen Sequence DKGPFRSKKAVLS



STJ72517 (0. 3µg/ml) staining of Human Kidney lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



STJ72517 Immunofluorescence analysis of paraformaldehyde fixed HepG2 cells, permeabilized with 0. 15% Triton. Primary incubation 1hr (5ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml) , showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (5ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

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