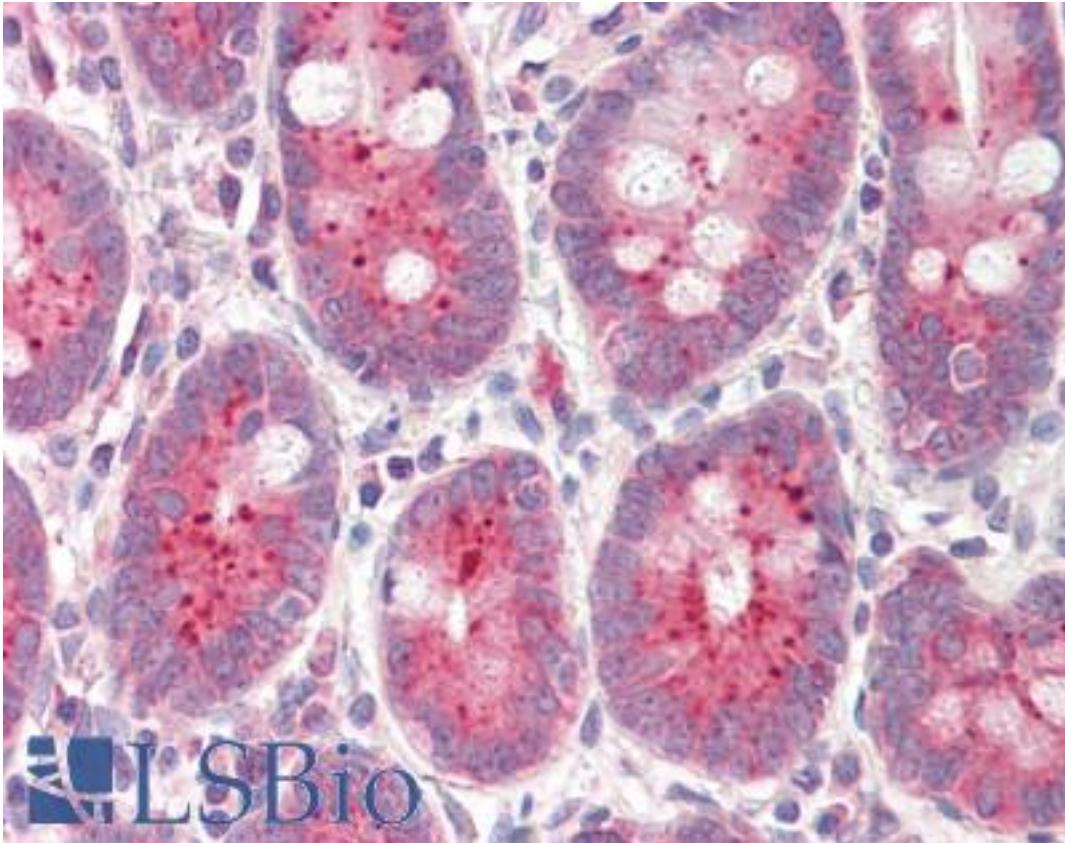


**NQO1 Goat anti-Human Polyclonal (Internal) Antibody - LS-B8354 - LSBio**

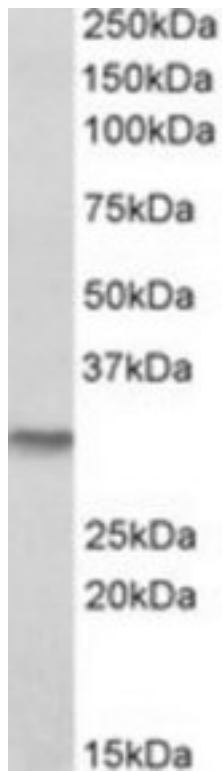
<b>CatalogID:</b>	LS-B8354
<b>Validation:</b>	This antibody replaces catalog number LS-C139757. It has been validated for use in the following assays: IHC-P.
<b>Target:</b>	NAD(P)H dehydrogenase, quinone 1 (NQO1)
<b>Synonyms:</b>	NQO1 Antibody, Azoreductase Antibody, DHQU Antibody, DT-diaphorase Antibody, Dioxin-inducible 1 Antibody, DIA4 Antibody, Diaphorase-4 Antibody, NAD(P)H:quinone oxireductase Antibody, Phylloquinone reductase Antibody, QR1 Antibody, Menadione reductase Antibody, NMOR1 Antibody, NMORI Antibody, DTD Antibody, Quinone reductase 1 Antibody
<b>Host</b>	NQO1 antibody was produced in Goat
<b>Clonality:</b>	Polyclonal
<b>Immunogen Species:</b>	NQO1 antibody was raised against Human
<b>Antigen Type:</b>	Synthetic peptide
<b>Immunogen:</b>	NQO1 antibody was raised against synthetic peptide C-DKGPFRSKKAVLS from an internal region of human NQO1 (NP_000894.1). Percent identity by BLAST analysis: Human, Gorilla, Orangutan, Marmoset (100%); Gibbon, Monkey, Bat, Bovine, Pig (92%); Elephant, Panda, Dog, Rabbit, Guinea pig (85%).
<b>Specificity:</b>	Human NQO1. This antibody is expected to recognize reported isoform a (NP_000894.1) only.
<b>Epitope:</b>	Internal
<b>Reactivity:</b>	Human, Gorilla, Orangutan
<b>Predicted Reactivity:</b>	Gibbon, Monkey, Bat, Bovine, Pig
<b>Purification:</b>	Immunoaffinity purified
<b>Presentation:</b>	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
<b>Recommended Storage:</b>	Store at -20°C. Minimize freezing and thawing.
<b>Usage Summary:</b>	Peptide ELISA: antibody detection limit dilution 1:32000. Western blot: Approx 30kD band observed in Human Kidney lysates (calculated MW of 30.9kD according to NP_000894.1). Recommended concentration: 0.3-1 ug/ml.
<b>Uses:</b>	IHC - Paraffin (3.75 µg/ml), Western blot (0.3 - 1 µg/ml), ELISA (1:32000) (Optimal dilution to be determined by the researcher)
<b>Size:</b>	50 µg
<b>Concentration:</b>	0.5 mg/ml

**Immunohistochemistry Image:**



Anti-NQO1 antibody IHC of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B8354 dilution 3.75 ug/ml.

**Western Blot Image:**



NQO1 antibody (0.3 ug/ml) staining of Human Kidney lysate (35 ug protein/ml in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**Requested From:**

Japan

Laboratory Reagent For In Vitro Research Use Only

Not for resale without prior written consent from LifeSpan BioSciences, Inc.

Created on 9/24/2014

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