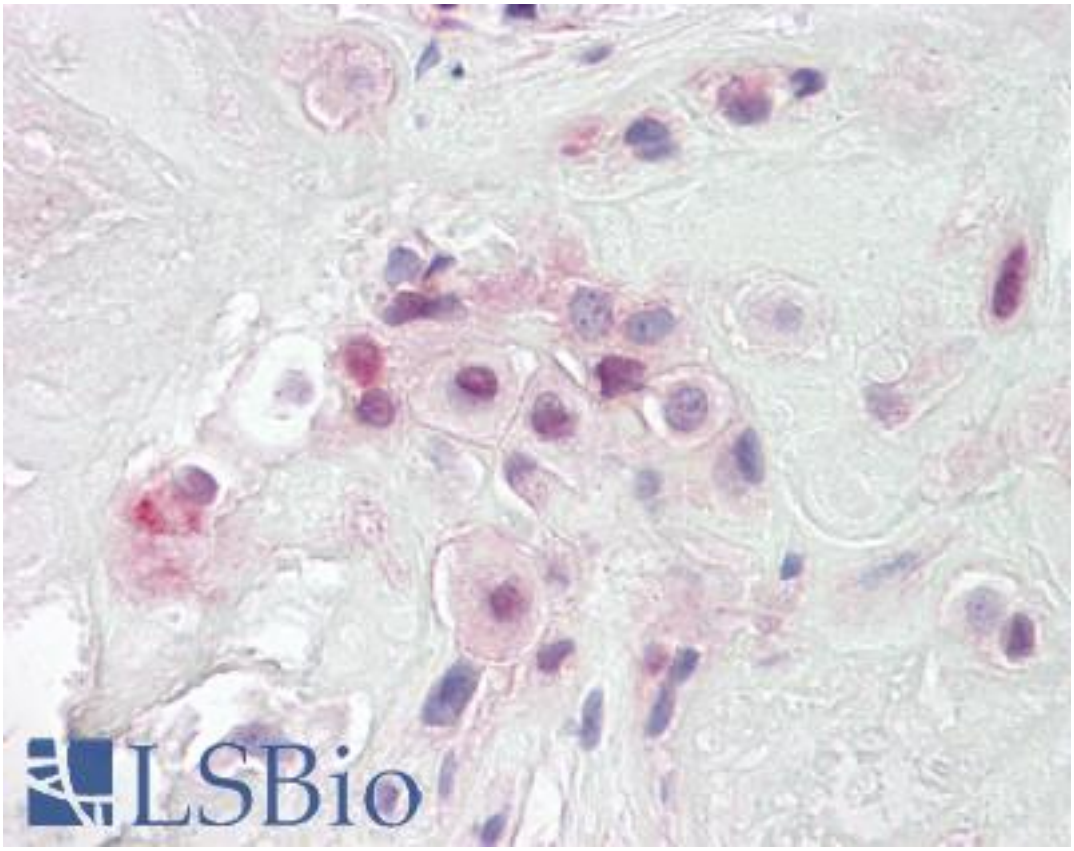
LSBio
LifeSpan BioSciences, Inc.

PON2 Goat anti-Human Polyclonal (Internal) Antibody - LS-B8315 - LSBio

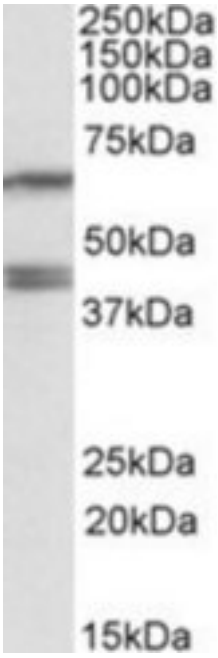
CatalogID:	LS-B8315
Validation:	This antibody replaces catalog number LS-C112924. It has been validated for use in the following assays: IHC-P.
Target:	paraoxonase 2 (PON2)
Synonyms:	PON2 Antibody, A-esterase 2 Antibody, Aromatic esterase 2 Antibody, Paraoxonase 2 Antibody, Paraoxonase nirs Antibody, PON 2 Antibody, Serum aryldialkylphosphatase 2 Antibody
Host	PON2 antibody was produced in Goat
Clonality:	Polyclonal
Immunogen Species:	PON2 antibody was raised against Human
Antigen Type:	Synthetic peptide
Immunogen:	PON2 antibody was raised against synthetic peptide C-EKPRARELRIS from an internal region of human PON2 (NP_000296.2; NP_001018171.1). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset (100%); Elephant (91%); Rat, Hamster, Panda, Bat, Dog, Horse, Pig (82%).
Specificity:	Human PON2. This antibody is expected to recognize isoforms 1 and 2 (NP_000296.2; NP_001018171.1).
Epitope:	Internal
Reactivity:	Human, Gorilla, Gibbon, Monkey
Purification:	Immunoaffinity purified
Presentation:	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Recommended Storage:	Store at -20°C. Minimize freezing and thawing.
Usage Summary:	Peptide ELISA: antibody detection limit dilution 1:32000. Western blot: Approx 40kDa double band observed in lysates of HepG2 (calculated MW of 39.4kDa according to NP_000296.2 and of 38.0kDa according to NP_001018171.1). Recommended concentration: 0.2-0.6 ug/ml. An additional band of unknown identity was also consistently observed at 60kDa. This band was successfully blocked by incubation with the immunizing peptide.
Uses:	IHC - Paraffin (3.75 µg/ml), Western blot (0.2 - 0.6 µg/ml), ELISA (1:32000) (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	0.5 mg/ml

Immunohistochemistry Image:



Anti-PON2 antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B8315 dilution 3.75 ug/ml.

Western Blot Image:



PON2 antibody (0.2 ug/ml) staining of HepG2 lysate (35 ug protein/ml in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Requested From:	Japan

Created on 9/24/2014