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Research Use Only. Not for diagnostic or therapeutic use.

EB09172 - Goat Anti-PXR / NR1I2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PXR, NR1I2, nuclear receptor subfamily 1, group I, member 2, BXR, ONR1, PAR, PAR1, PAR2, PARq, PRR, SAR, SXR, orphan nuclear receptor, pregnane X

receptor, steroid and xenobiotic receptor

Official Symbol: NR1I2

Accession Number(s): NP_003880.3; NP_071285.1; NP_148934.1

Human GeneID(s): 8856

Important Comments: This antibody is expected to recognize all reported isoforms

(NP_071285.1; NP_148934.1; NP_003880.3).

Immunogen

Peptide with sequence EQFAITLKSYIECNR, from the internal region of the protein sequence according to NP_003880.3; NP_071285.1; NP_148934.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:4000.

Western blot: Approx. 48kDa band observed in lysates of cell line HepG2 (calculated MW of 49.8kDa according to NP_003880.3). Recommended concentration: 1-3µg/ml. An additional band of unknown identity was also consistently observed at 35kDa. This band was successfully blocked by incubation with the immunizing peptide. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Small Intestine. Recommended concentration: 3.75µg/ml.

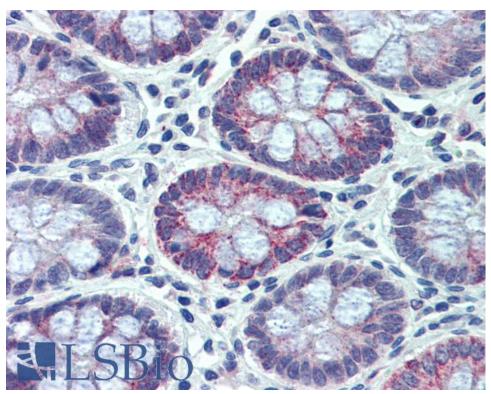
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



 $EB09172\ (1\mu g/ml)\ staining\ of\ HepG2\ lysate\ (35\mu g\ protein\ in\ RIPA\ buffer).\ Detected\ by\ chemiluminescence.$



 $EB09172\ (3.75\mu g/ml)\ staining\ of\ paraffin\ embedded\ Human\ Small\ Intestine.\ Steamed\ antigen\ retrieval\ with$ citrate buffer pH 6, AP-staining.