

## UK Office

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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 EQFAITLKSYLECNR, 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 (1µg/ml) staining of HepG2 lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

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