

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB12283 - Goat Anti-NR5A2 / LRH1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** NR5A2, nuclear receptor subfamily 5, group A, member 2, B1F, B1F2, CPF, FTF, FTZ-F1, FTZ-F1beta, LRH-1, LRH1, hB1F-2, CYP7A promoter-binding factor, alpha-1-fetoprotein transcription factor, b1-binding factor, hepatocyte transcription factor which activates enhancer II of hepatitis B virus, fetoprotein-alpha 1 (AFP) transcription factor, hepatocytic transcription factor, liver nuclear receptor homolog-1 variant 2, liver receptor homolog 1, liver receptor homolog-1, nuclear receptor NR5A2, nuclear receptor subfamily 5 group A member 2

**Official Symbol:** NR5A2

**Accession Number(s):** NP\_995582.1; NP\_003813.1

**Human GeneID(s):** [2494](#)

**Non-Human GeneID(s):** 26424 (mouse), 60349 (rat)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_995582.1; NP\_003813.1).

### Immunogen

Peptide with sequence C-TDYDRSPFVTSPIS, from the internal region of the protein sequence according to NP\_995582.1; NP\_003813.1.

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 1:128000.

**Western blot:** Approx 55kDa band observed in nuclear lysates of cell lines HeLa and HepG2, and approx 60kDa band observed in Pig Ovary lysates (calculated MW of 56.5kDa according to Human NP\_003813.1 and Pig AFD98842.1). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Mouse Liver and NIH-3T3 cell line for this particular batch.

### Species Reactivity

**Tested:** Human, Pig

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Pig, Cow



EB12283 (1 $\mu$ g/ml) staining of HepG2 nuclear lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB12283 (0.3 $\mu$ g/ml) staining of Pig Ovary lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.