

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

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

## EB06597 - Goat Anti-HSD11B1 / HDL Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** corticosteroid 11-beta-dehydrogenase isozyme 1, hydroxysteroid (11-beta) dehydrogenase 1, 11-beta-HSD1, MGC13539, HSD11L, 11-DH, HDL, HSD11B1

**Official Symbol:** HSD11B1

**Accession Number(s):** NP\_005516.1; NP\_861420.1

**Human GeneID(s):** [3290](#)

**Important Comments:** This antibody is expected to recognise human HSD11B1 protein. Both NP\_005516.1 and NP\_861420.1 variants encode the same protein.

### Immunogen

Peptide with sequence CTSYNMDRFINK, from the C Terminus of the protein sequence according to NP\_005516.1; NP\_861420.1.

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 35kDa band observed in Human Liver lysates (calculated MW of 32.4kDa according to NP\_005516.1 and NP\_861420.1). Recommended concentration: 0.3-2µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Cow

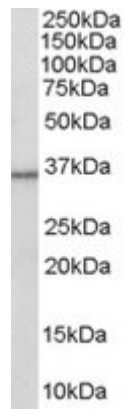
### Background Reference

Paterson JM, Morton NM, Fievet C, Kenyon CJ, Holmes MC, Staels B, Seckl JR, Mullins JJ.

Metabolic syndrome without obesity: Hepatic overexpression of 11beta-hydroxysteroid dehydrogenase type 1 in transgenic mice.

Proc Natl Acad Sci U S A. 2004 May 4;101(18):7088-93. Epub 2004 Apr 26.

**PMID:** 15118095



EB06597 (0.3 $\mu$ g/ml) staining of Human Liver lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.