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

EB07218 - Goat Anti-HSD3B1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: HSD3B1, hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 1, HGNC:5217, HSD3B, HSDB3, Hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid hydroxy-delta-5-steroid dehydrogenase, 3 beta-and steroid delta-isomerase 1

Official Symbol: HSD3B1

Accession Number(s): NP_000853.1

Human GeneID(s): [3283](#)

Immunogen

Peptide with sequence C-DRHKETLKSKTQ, from the C Terminus of the protein sequence according to NP_000853.1.

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 40kDa band observed in Human Placenta and Adrenal Gland lysates (calculated MW of 42.3kDa according to NP_000853.1). Recommended concentration: 0.003-0.01µg/ml.

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

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

EB07218 (0.01µg/ml) staining of Human Placenta lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

EB07218 (0.003µg/ml) staining of Human Adrenal Gland lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

EB07218 (3.75µg/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.