

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre 77 Heyford Park Upper Heyford Oxfordshire OX25 5HD UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

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

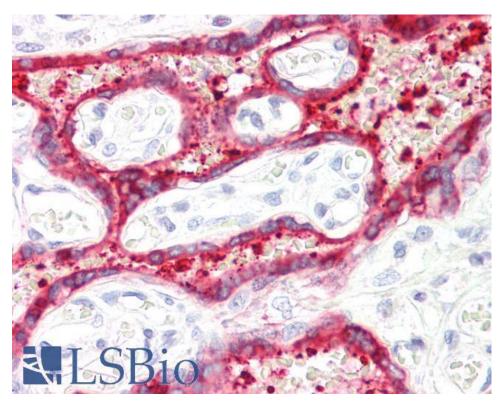
Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa 15kDa

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