

Product datasheet for **TA302508**

HSD11B1 Goat Polyclonal Antibody

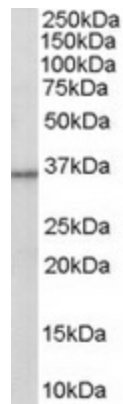
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:4,000. WB: 0.3-2µg/ml.
Reactivity:	Human (Expected from sequence similarity: Cow)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence CTSYNMDRFINK, from the C Terminus of the protein sequence according to NP_005516.1; NP_861420.1.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration:	lot specific
Purification:	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.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	36026 Da
Gene Name:	hydroxysteroid (11-beta) dehydrogenase 1
Database Link:	NP_005516 Entrez Gene 3290 Human P28845



[View online »](#)

Background:	The protein encoded by this gene is a microsomal enzyme that catalyzes the conversion of the stress hormone cortisol to the inactive metabolite cortisone. In addition, the encoded protein can catalyze the reverse reaction, the conversion of cortisone to cortisol. Too much cortisol can lead to central obesity, and a particular variation in this gene has been associated with obesity and insulin resistance in children. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]
Synonyms:	11-beta-HSD1; 11-DH; CORTRD2; HDL; HSD11; HSD11B; HSD11L; SDR26C1
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Androgen and estrogen metabolism, C21-Steroid hormone metabolism, Metabolic pathways

Product images:

TA302508 (0.3ug/ml) staining of Human Liver lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.