

Product datasheet for **TA308504**

HSD11B1 Rabbit Polyclonal Antibody

Product data:

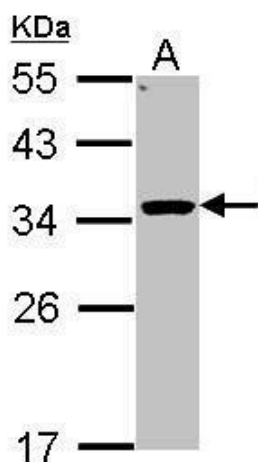
Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	ICC/IF:1:100-1:1000; IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region within amino acids 232 and 292 of HSD11B1
Formulation:	1XPBS, 40% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	32 kDa
Gene Name:	hydroxysteroid (11-beta) dehydrogenase 1
Database Link:	NP_861420 Entrez Gene 3290 Human P28845
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



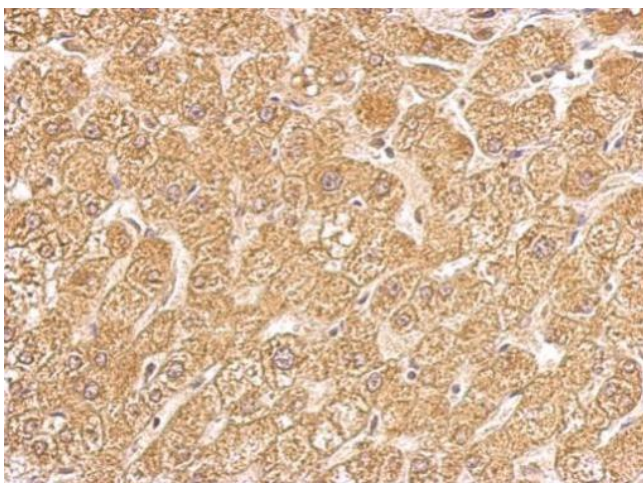
[View online »](#)

Protein Pathways: Androgen and estrogen metabolism, C21-Steroid hormone metabolism, Metabolic pathways

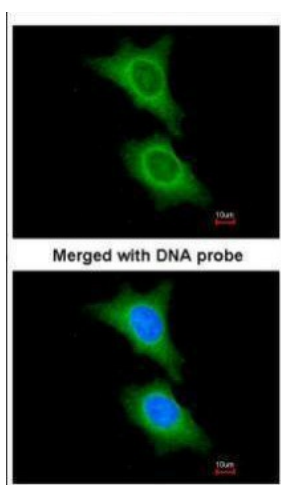
Product images:



Sample (30 ug of whole cell lysate). A: Hep G2.
12% SDS PAGE. TA308504 diluted at 1:1000.



HSD11B1 antibody detects HSD11B1 protein at cytosol on hepatoma by immunohistochemical analysis. Sample: Paraffin-embedded hepatoma. HSD11B1 antibody (TA308504) dilution: 1:500.



Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using HSD11B1 (TA308504) antibody at 1:200 dilution.