

Goat anti-HSD11B1 / HDL Antibody

Item Number	dAP-0591
Target Molecule	Principle Name: HSD11B1 / HDL; Official Symbol: HSD11B1; All Names and Symbols: HSD11B1; HDL; 11-DH; HSD11L; MGC13539; 11-beta-HSD1; hydroxysteroid (11-beta) dehydrogenase 1; corticosteroid 11-beta-dehydrogenase isozyme 1; HSD11; HSD11B; SDR26C1; 11-beta-hydroxysteroid dehydrogenase 1; OTTHUMP00000034650; short chain dehydrogenase/re; Accession Number (s): NP_005516.1; NP_861420.1; Human Gene ID(s): 3290; Non-Human GeneID(s):
Immunogen	CTSYNMDRFINK, is from C Terminus This antibody is expected to recognise human HSD11B1 protein. Both NP_005516.1 and NP_861420.1 variants encode the same protein.
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 8000.
Western Blot	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: 0.3-1µg/ml.
IHC	
Reference	Reference(s): 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:

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**