

bs-3904R**[Primary Antibody]****BioSS**
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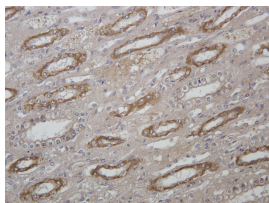
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HSD11B1 Rabbit pAb**— DATASHEET —**

Host: Rabbit Clonality: Polyclonal GeneID: 3290 Target: HSD11B1 Immunogen: KLH conjugated synthetic peptide derived from human HSD11B1: 201-292/292. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: HSD11B1 is a microsomal enzyme that catalyses the conversion of the stress hormone cortisol to the inactive metabolite cortisone. In addition, the encoded protein can catalyse 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.	Isotype: IgG SWISS: P28845	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Horse (predicted: Human, Mouse, Rat, Rabbit, Pig, Sheep, Cow, Dog) Predicted MW.: 32 kDa Subcellular Location: Cell membrane ,Cytoplasm
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— VALIDATION IMAGES —

This image was kindly submitted by Dragos Scarlet DVM, MSc from the University of Vienna as part of the Bioss Discovery Program. Paraffin embedded horse kidney labeled with Anti-HSD11B1 Polyclonal Antibody, Unconjugated (bs-3904R) at 1:200 followed by conjugation to the secondary antibody and DAB staining

— SELECTED CITATIONS —

- **[IF=10.588]** Tianxin Zhao. et al. Prenatal exposure to environmentally relevant levels of PBDE-99 leads to testicular dysgenesis with steroidogenesis disorders. J Hazard Mater. 2022 Feb;424:127547 IHC ;Mouse. 10.1016/j.jhazmat.2021.127547
- **[IF=1.21]** Nakata, Takaya, et al. "The expression of 11 β -hydroxysteroid dehydrogenase type 1 is increased in experimental periodontitis in rats." BMC Oral Health16.1 (2016): 108. IHC ;="Rat". 27716163