

HSD11B1 Rabbit Polyclonal Antibody

Catalog TDY875C TDY875F

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Quantity 50μL 100μL

Entrez-Gene ID#3290 , Swiss-Prot Acc.#P28845

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB, IHC	H, M, R	35KD	IgG

Storage Buffer & Condition: PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.

Store at **-20°C. Do not aliquot the antibody.**

Recommended dilutions: WB: 1:1,000-2,000 IHC 1:100-200

Optimal dilutions should be determined by the end user.

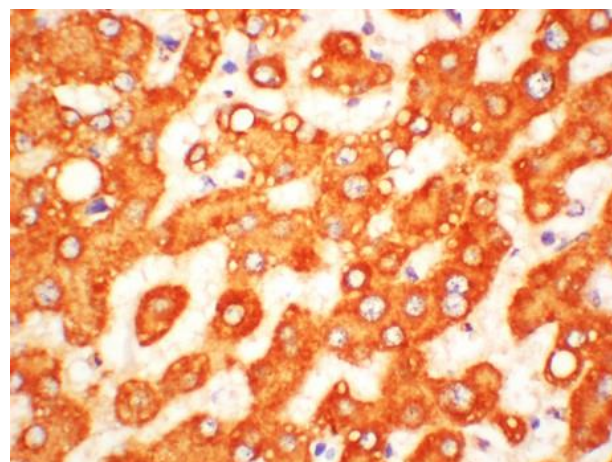
Specificity: Antibody can detect endogenous HSD11B1 proteins.

Alternative Names: HSD11B1; HSD11; HSD11L; Corticosteroid 11-beta-dehydrogenase isozyme 1; 11-beta-hydroxysteroid dehydrogenase 1; 11-DH; 11-beta-HSD1

Background: hydroxysteroid 11-beta dehydrogenase 1(HSD11B1) Homo sapiens 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.



Western blot analysis of 3T3 Cell Lysate using HSD11B1 (TDY875) Rabbit pAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Human Liver Tissue using HSD11B1 (TDY875) Rabbit Polyclonal antibody diluted at 1:200.