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HSD11B2 Rabbit pAb

货号: AYP16096

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	**WB:** 1:500- 1:2000 **IHC:** 1:50- 1:200
理论分子量	44kDa
实测分子量	44kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HepG2
细胞定位	Endoplasmic reticulum,Microsome
纯化	Affinity purification

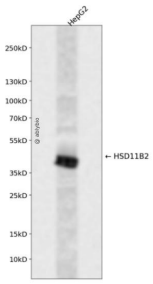
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 266-405 of human HSD 11B2 (NP_000187.3).

靶点信息

研究背景	There are at least two isozymes of the corticosteroid 11-beta-dehydrogenase, a microsomal enzyme complex responsible for the interconversion of cortisol and cortisone. The type I isozyme has both 11-beta-dehydrogenase (cortisol to cortisone) and 11-oxoreductase (cortisone to cortisol) activities. The type II isozyme, encoded by this gene, has only 11-beta-dehydrogenase activity. In aldosterone-selective epithelial tissues such as the kidney, the type II isozyme catalyzes the glucocorticoid cortisol to the inactive metabolite cortisone, thus preventing illicit activation of the mineralocorticoid receptor. In tissues that do not express the mineralocorticoid receptor, such as the placenta and testis, it protects cells from the growth-inhibiting and/or pro-apoptotic effects of cortisol, particularly during embryonic development. Mutations in this gene cause the syndrome of apparent mineralocorticoid excess and hypertension.
基因ID	3291
基因名	HSD11B2
Swiss	P80365 (https://www.uniprot.org/uniprotkb/P80365/entry)
别名	HSD11B2,AME,AME1,HSD11K,HSD2,SDR9C3,HSD11B2 Rabbit pAb,11-beta-hydroxysteroid dehydrogenase type II,Corticosteroid 11-beta-dehydrogenase isozyme 2,NAD-dependent 11-beta-hydroxysteroid dehydrogenase,Short chain dehydrogenase/reductase family 9C member 3

产品验证



Western blot analysis of HSD11B2 expressed in HepG2 using HSD11B2 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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