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HSD17B1 Rabbit pAb

货号: **AYP10653**

产品信息

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| 反应 | Human,Mouse,Rat |
| 宿主 | Rabbit |
| 克隆性 | Polyclonal |
| 预测反应 | WB: Mus musculus , Rattus norvegicus |
| 应用 | WB IHC IF/ICC |
| 推荐浓度 | WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200 |
| 理论分子量 | 34kDa |
| 实测分子量 | 35kDa |
| 形式 | Liquid |
| 保存条件 | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | U-87MG,Rat ovary |
| 细胞定位 | Cytoplasm |
| 纯化 | Affinity purification |

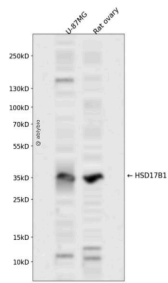
抗原信息

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| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 1-328 of human HSD17 B1 (NP_000404.2). |
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靶点信息

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| 研究背景 | This gene encodes a member of the 17beta-hydroxysteroid dehydrogenase family of short-chain dehydrogenases/reductases. It has a dual function in estrogen activation and androgen inactivation and plays a major role in establishing the estrogen E2 concentration gradient between serum and peripheral tissues. The encoded protein catalyzes the last step in estrogen activation, using NADPH to convert estrogens E1 and E2 and androgens like 4-androstenedione, to testosterone. It has an N-terminal short-chain dehydrogenase domain with a cofactor binding site, and a narrow, hydrophobic C-terminal domain with a steroid substrate binding site. This gene is expressed primarily in the placenta and ovarian granulosa cells, and to a lesser extent, in the endometrium, adipose tissue, and prostate. Polymorphisms in this gene have been linked to breast and prostate cancer. A pseudogene of this gene has been identified. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2016] |
| 基因ID | 3292 |
| 基因名 | HSD17B1 |
| Swiss | P14061 (https://www.uniprot.org/uniprotkb/P14061/entry) |
| 别名 | HSD17B1,17-beta-HSD,20-alpha-HSD,E2DH,EDH17B2,EDHB17,HSD17,SDR28C1,HSD17B1 Rabbit pAb,20 alpha-hydroxysteroid dehydrogenase,Estradiol 17-beta-dehydrogenase 1,Placental 17-beta-hydroxysteroid dehydrogenase,Short chain dehydrogenase/reductase family 28C member 1,E17KSR,EDH17B1 |

产品验证



Western blot analysis of HSD17B1 expressed in U-87MG,Rat ovary using HSD17B1 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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