

HSD17B1 Rabbit pAb

货号: **AYP10653**

产品信息

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

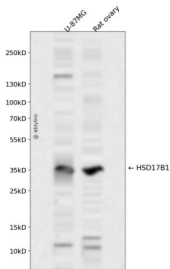
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-328 of human HSD17 B1 (NP_000404.2).
序列	MARTVVLITGCSSGIGLHLAVRLASDPSQSFVKYATLRDLKTQGRLEWEAARALACPPGSLETQLQDVRDSKSVAAARERVT EGRVDVLCNAGLGLLGPLEALGEDAVASVLDVNVVGTVRMLQAFDPDMKRRGSGRVLVTGSVGGLMGLPFNDVYCAS KFALEGLCESLAVLLLPFGVHLSLIECGPVHTAFMEKVLGSPEEVLDRTDIHTFHRFYQYLAHRSKQVFREAAQNPEEVAEVFL TALRAPKPTLRYFTTERFLPLLRMLDDPSGSNYVTAMHREVFVDVPAKAEAGAEAGGGAGPGAEDAEAGRGAVGDPELG DPPAAPQ

靶点信息

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
别名	HSD17B1;17-beta-HSD;20-alpha-HSD;E2DH;EDH17B2;EDHB17;HSD17;SDR28C1

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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