

17 β 羟基类固醇脱氢酶 11/17 β -HSD11 抗体

产品货号 : mlR17400

英文名称 : HSD17B11

中文名称 : 17 β 羟基类固醇脱氢酶 11/17 β -HSD11 抗体

别名 : 17 beta HSD 11; 17 beta HSD XI; 17 BETA HSD11; 17 BETA HSDXI; 17 beta hydroxysteroid dehydrogenase 11; 17 beta hydroxysteroid dehydrogenase type XI; 17 beta hydroxysteroid dehydrogenase XI; 17-beta-HSD 11; 17-beta-HSD XI; 17-beta-hydroxysteroid dehydrogenase 11; 17-beta-hydroxysteroid dehydrogenase XI; 17betaHSD11; 17betaHSDXI; 17bHSD11; CTCL associated antigen HD CL 03; CTCL tumor antigen HD CL 03; CTCL-associated antigen HD-CL-03; Cutaneous T cell lymphoma associated antigen HD CL 03; Cutaneous T-cell lymphoma-associated antigen HD-CL-03; Dehydrogenase/reductase SDR family member 8; DHB11_HUMAN; DHRS8; Estradiol 17 beta dehydrogenase 11; Estradiol 17-beta-dehydrogenase 11; Hsd17b11; Hydroxysteroid (17 beta) dehydrogenase 11; PAN1B; Retinal short chain dehydrogenase/reductase 2; Retinal short-chain dehydrogenase/reductase 2; RETSDR2; SDR16C2; SDR2; Short chain dehydrogenase/reductase family 16C member 2; T cell lymphoma associated antigen HD CL 03; 17 β -HSD11.

研究领域 : 细胞生物 信号转导 生长因子和激素

抗体来源 : Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Pig, Cow, Horse, Rabbit, Sheep,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 31kDa

细胞定位： 分泌型蛋白

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human Hsd17b11:201-300/300

亚型： IgG

纯化方法： affinity purified by Protein A

储存液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed : PubMed

产品介绍 : Short-chain alcohol dehydrogenases, such as HSD17B11, metabolize secondary alcohols and ketones (Brereton et al., 2001 [PubMed 11165019]).[supplied by OMIM, Jun 2009]

Function:

Can convert androstan-3-alpha,17-beta-diol (3-alpha-diol) to androsterone in vitro, suggesting that it may participate in androgen metabolism during steroidogenesis. May act by metabolizing compounds that stimulate steroid synthesis and/or by generating metabolites that inhibit it. Has no activity toward DHEA (dehydroepiandrosterone), or A-dione (4-androste-3,17-dione), and only a slight activity toward testosterone to A-dione. Tumor-associated antigen in cutaneous T-cell lymphoma.

Subcellular Location:

Secreted.

Tissue Specificity:

Present at high level in steroidogenic cells such as syncytiotrophoblasts, sebaceous gland, Leydig cells, and granulosa cells of the dominant follicle and corpus luteum. In lung, it is detected in the ciliated epithelium and in acini of adult trachea, in bronchioles, but not in alveoli. In the eye, it is detected in the nonpigmented epithelium of the ciliary body and, at lower level, in the inner nuclear layer of the retina (at protein level). Widely expressed. Highly expressed in retina, pancreas, kidney, liver, lung, adrenal, small intestine, ovary and heart.

Similarity:

Belongs to the short-chain dehydrogenases/reductases (SDR) family. 17-beta-HSD 3 subfamily.

SWISS:

Q8NBQ5

Gene ID:

51170

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.