

# 17 $\beta$ 羟基类固醇脱氢酶 12/17 $\beta$ -HSD12 抗体

产品货号 : mlR17401

英文名称 : HSD17B12

中文名称 : 17  $\beta$  羟基类固醇脱氢酶 12/17  $\beta$  -HSD12 抗体

别名 : 12,3-ketoacyl-CoA reductase,short chain; 17 beta HSD 12; 17 beta hydroxysteroid dehydrogenase 12; 17-@beta-HSD XII; 17-@beta-hydroxysteroid dehydrogenase XII; 17-beta-HSD 12; 17-beta-hydroxysteroid dehydrogenase 12; 17beta HSD type 12; 3 ketoacyl CoA reductase; 3-ketoacyl-CoA reductase; DHB12\_HUMAN; Estradiol 17 beta dehydrogenase 12; Estradiol 17-beta-dehydrogenase 12; HSD17B12; Hydroxysteroid (17-beta) dehydrogenase 12; KAR; KIK-I; Kik1; SDR12C1; Short chain dehydrogenase/reductase family 12C member 1; Steroid dehydrogenase homolog.

研究领域 : 细胞生物 信号转导 生长因子和激素 新陈代谢

抗体来源 : Rabbit

克隆类型 : Polyclonal

交叉反应： Human, Mouse, Rat, Recombinant Fragment Cynomolgus Monkey

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： 34kDa

细胞定位： 细胞浆

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human HSD17B12:201-300/312

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 :** This gene encodes a very important 17beta-hydroxysteroid dehydrogenase (17beta-HSD) that converts estrone into estradiol in ovarian tissue. This enzyme is also involved in fatty acid elongation. [provided by RefSeq, Oct 2011]

**Function:**

Catalyzes the transformation of estrone (E1) into estradiol (E2), suggesting a central role in estrogen formation. Its strong expression in ovary and mammary gland suggest that it may constitute the major enzyme responsible for the conversion of E1 to E2 in women. Also has 3-ketoacyl-CoA reductase activity, reducing both long chain 3-ketoacyl-CoAs and long chain fatty acyl-CoAs, suggesting a role in long fatty acid elongation.

**Subcellular Location:**

Endoplasmic reticulum membrane.

**Tissue Specificity:**

Expressed in most tissues tested. Highly expressed in the ovary and mammary. Expressed in platelets.

**Similarity:**

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

**SWISS:**



Q53GQ0

**Gene ID:**

51144

**Important Note:**

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