醛固酮还原酶家族 1 成员 D1 抗体

产品货号： mIR5026

英文名称： AKR1D1

中文名称： 醛固酮还原酶家族 1 成员 D1 抗体

别　　名： 3-oxo-5-beta-steroid 4-dehydrogenase; 3o5bred; AK1D1_HUMAN; AKR1D1; aldo keto reductase family 1 member D1 (delta 4 3 ketosteroid 5 beta reductase); Aldo keto reductase family 1 member D1; Aldo-keto reductase family 1 member D1; CBAS2; Delta(4) 3 ketosteroid 5 beta reductase; Delta(4) 3 oxosteroid 5 beta reductase; Delta(4)-3-ketosteroid 5-beta-reductase; Delta(4)-3-oxosteroid 5-beta-reductase; SRD5B1; steroid 5 beta reductase beta polypeptide 1 (3 oxo 5 beta steroid delta 4 dehydrogenase beta 1); steroid 5 beta reductase.

研究领域： 肿瘤　心血管　细胞生物　免疫学　信号转导　转运蛋白　新陈代谢

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Cow, Horse, Rabbit,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 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： 37kDa

细胞定位： 细胞核 细胞浆

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human AKR1D1:101-200/326

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 background:

Efficiently catalyzes the reduction of progesterone, androstenedione, 17-alpha-hydroxyprogesterone and testosterone to 5-beta-reduced metabolites. The bile acid intermediates 7-alpha,12-alpha-dihydroxy-4-cholesten-3-one and 7-alpha-hydroxy-4-cholesten-3-one can also act as substrates.

Function:

Efficiently catalyzes the reduction of progesterone, androstenedione, 17-alpha-hydroxyprogesterone and testosterone to 5-beta-reduced metabolites. The bile acid intermediates 7-alpha,12-alpha-dihydroxy-4-cholesten-3-one and 7-alpha-hydroxy-4-cholesten-3-one can also act as substrates.

Subcellular Location:

Cytoplasm.

Tissue Specificity:

Highly expressed in liver. Expressed in testis and weakly in colon.

DISEASE:

Congenital bile acid synthesis defect 2 (CBAS2) [MIM:235555]: A condition characterized by jaundice, intrahepatic cholestasis and hepatic failure. Patients with this liver disease show absence or low levels of chenodeoxycholic acid and cholic acid in plasma and urine. Note=The disease is caused by mutations affecting the gene represented in this entry.

Similarity:

Belongs to the aldo/keto reductase family.

SWISS:

P51857

Gene ID:

6718

Important Note:

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