

HSD17B1 (9Y16) Rabbit Monoclonal Antibody

Catalog# UZ-MA02175

Product information

产品货号	UZ-MA02175
别名	E2DH; HSD17; EDHB17; EDH17B2; SDR28C1; 17-beta-HSD; 20-alpha-HSD
产品名称	HSD17B1 (9Y16) Rabbit Monoclonal Antibody
类别	抗体产品
推荐应用	WB,IHC-P,FCM,IP
反应种属	Human
存储缓冲液	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
免疫原	A synthetic peptide of human HSD17B1
稀释度	WB 1:2000-1:20000, IHC-P/IF-P 1:100-1:200, FCM 1:100-1:200, IP 1:50
参考分子量	35kDa
预测分子量	35kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	IgG
背景介绍	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]
纯化	Affinity Purification
Uniprot ID	P14061
Clonality	Monoclonal