

羟磺基转移酶 2 抗体

产品货号 : mlR12841

英文名称 : SULT2B1

中文名称 : 羟磺基转移酶 2 抗体

别 名 : Alcohol sulfotransferase; EC 2.8.2.2; HSST2; Hydroxysteroid sulfotransferase 2; ST2B1; ST2B1_HUMAN; Sulfotransferase 2B1; Sulfotransferase family cytosolic 2B member 1; SULT2B1; SULT2B1a; SULT2B1b.

研究领域 : 肿瘤 细胞生物 神经生物学

抗体来源 : Rabbit

克隆类型 : Polyclonal

交叉反应 : Human, Mouse, Dog,

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 : 41kDa

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 SULT2B1:111-210/365

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 : Sulfotransferase enzymes catalyze the sulfate conjugation of many hormones, neurotransmitters, drugs, and xenobiotic compounds. These cytosolic enzymes are different in their tissue distributions and substrate specificities. The gene structure (number and length of exons) is similar among family members. This gene sulfates dehydroepiandrosterone but not 4-nitrophenol, a typical substrate for the phenol and estrogen sulfotransferase subfamilies. Two alternatively spliced variants that encode different isoforms have been described. [provided by RefSeq, Jul 2008]

Function:

Catalyzes the sulfate conjugation of many hormones, neurotransmitters, drugs and xenobiotic compounds. Sulfonation increases the water solubility of most compounds, and therefore their renal excretion, but it can also result in bioactivation to form active metabolites. Sulfates hydroxysteroids like DHEA. Isoform 1 preferentially sulfonates cholesterol, and isoform 2 avidly sulfonates pregnenolone but not cholesterol.

Subcellular Location:

Cytoplasm.

Tissue Specificity:



Expressed highly in placenta, prostate and trachea and lower expression in the small intestine and lung.

Similarity:

Belongs to the sulfotransferase 1 family.

SWISS:

O00204

Gene ID:

6820

Important Note:

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