HS3ST6 蛋白抗体

产品货号： mlR17393

英文名称： HS3ST6

中文名称： HS3ST6 蛋白抗体

别　　名： h3 OST 6; Heparan sulfate (glucosamine) 3 O sulfotransferase 5; Heparan sulfate (glucosamine) 3 O sulfotransferase 6; Heparan sulfate 3 O sulfotransferase 6; Heparan sulfate D glucosaminyl 3 O sulfotransferase 6; Heparan sulfate glucosamine 3 O sulfotransferase 6; Heparan sulphate D glucosaminyl 3 O sulfotransferase 3B like; HS3ST5.

研究领域： 细胞生物　免疫学　信号转导

抗体来源： Rabbit

克隆类型： Polyclonal

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

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 ： 37kDa

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 HS3ST6:131-230/342

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 : Heparan sulfate structures, which are responsible for executing multiple biological activities, are generated and regulated by heparan sulfate biosynthetic enzymes. HS3ST6 (Heparan sulfate glucosamine 3-O-sulfotransferase 6) is a 342 amino acid single-pass type II transmembrane protein that localizes to the golgi apparatus and belongs to the sulfotransferase 1 family. HS3ST6 transfers sulfate to the 3-OH position of the glucosamine residue of heparan sulfate to form 3-O-sulfated heparan sulfate. Due to observed susceptibility of HS3ST6-transfected CHO cells to HSV-1 infection, it has been suggested that HS3ST6 produces a specific entry receptor for HSV-1. The gene encoding HS3ST6 maps to human chromosome 16, which encodes over 900 genes and comprises nearly 3% of the human genome,

Function:

HS3ST6 is a single-pass type II membrane protein. It belongs to the sulfotransferase 1 family. It transfers a sulfuryl group to heparan sulfate. The substrate-specific O-sulfation generates an enzyme-modified heparan sulfate which acts as a binding receptor to Herpes Simplex Virus-1 (HSV-1) and permits its entry. Unlike 3-OST-1, does not convert non-anticoagulant heparan sulfate to anticoagulant heparan sulfate.

Subcellular Location:

Golgi apparatus membrane; Single-pass type II membrane protein.

SWISS:

Q96QI5

Gene ID:

64711

Important Note:

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