

HS3ST5 蛋白抗体

产品货号： mlR17392

英文名称： HS3ST5

中文名称： HS3ST5 蛋白抗体

别名： 3-OST-5; 3OST5; h3-OST-5; Heparan sulfate (glucosamine) 3 O sulfotransferase 5; Heparan sulfate 3 OST 5; Heparan sulfate 3-O-sulfotransferase 5; Heparan sulfate D-glucosaminy 3-O-sulfotransferase 5; Heparan sulfate glucosamine 3-O-sulfotransferase 5; HS3OST5; HS3S5_HUMAN; HS3ST5; NBLA04021; Nbla04021 product like; Nbla04021 product like.

研究领域： 细胞生物 细胞类型标志物

抗体来源： Rabbit

克隆类型： Polyclonal

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

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： 40kDa

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 HS3ST5:251-346/346

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： HS3ST5 belongs to a group of heparan sulfate 3-O-sulfotransferases (EC 2.8.2.23) that transfer sulfate from 3-prime-phosphoadenosine 5-prime phosphosulfate (PAPS) to heparan sulfate and heparin (Mochizuki et al., 2003 [PubMed 12740361]).[supplied by OMIM, Mar 2008]

Function:

Rate limiting enzyme for synthesis of HSact. Performs the crucial step modification in the biosynthesis of anticoagulant heparan sulfate (HSact) that is to complete the structure of the antithrombin pentasaccharide binding site. Also generates GlcUA-GlcNS or IdoUA-GlcNS and IdoUA2S-GlcNH₂. 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.

Subcellular Location:

Golgi apparatus membrane.

Tissue Specificity:

Highly expressed in skeletal muscle and fetal brain, and also found in adult brain, spinal cord, cerebellum and

colon.

Similarity:

Belongs to the sulfotransferase 1 family.

SWISS:

Q8IZT8

Gene ID:

222537

Important Note:

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

产品图片

