

NDST3 蛋白抗体

产品货号： mIR19064

英文名称： NDST3

中文名称： NDST3 蛋白抗体

别 名： Bifunctional heparan sulfate N deacetylase/N sulfotransferase 3; Glucosaminyl N deacetylase/N sulfotransferase 3; Glucosaminyl N-deacetylase/N-sulfotransferase 3; Heparan sulfate N-sulfotransferase 3; hNDST 3; hNDST-3; hNDST3; HSST 3; HSST3; MGC130028; MGC130029; N deacetylase/N sulfotransferase (heparan glucosaminyl) 3; N heparan sulfate sulfotransferase 3; N HSST 3; N-heparan sulfate sulfotransferase 3; N-HSST 3; NDST 3; NDST-3; NDST3; NDST3_HUMAN; PRO4998; UNQ2544.

研究领域： 细胞生物 结合蛋白

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, 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： 101kDa

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 NDST3:201-300/873

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 : This gene encodes a member of the heparan sulfate/heparin GlcNAc N-deacetylase/ N-sulfotransferase family. The encoded enzyme is a type II transmembrane protein that resides in the Golgi apparatus. This monomeric bifunctional enzyme catalyzes the N-deacetylation and N-sulfation of N-acetylglucosamine residues in heparan sulfate and heparin, which are the initial chemical modifications required for the biosynthesis of the functional oligosaccharide sequences that define the specific ligand binding activities of heparan sulfate and heparin. [provided by RefSeq, Nov 2008]

Function:

Essential bifunctional enzyme that catalyzes both the N-deacetylation and the N-sulfation of glucosamine (GlcNAc) of the glycosaminoglycan in heparan sulfate. Modifies the GlcNAc-GlcA disaccharide repeating sugar backbone to make N-sulfated heparosan, a prerequisite substrate for later modifications in heparin biosynthesis. Has high deacetylase activity but low sulfotransferase activity.

Subcellular Location:

Golgi apparatus membrane.

Tissue Specificity:

Expressed in brain, kidney, liver, fetal and adult lung, adult pancreas, placenta, fetal spleen and fetal thymus. Not detected in adult/ fetal heart and skeletal muscle.

Similarity:

Belongs to the sulfotransferase 1 family. NDST subfamily.

SWISS:

O95803

Gene ID:

9348

Important Note:

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