

— ABLYBIO, Help Your Research



ST6GALNAC4 Rabbit pAb

货号: **AYP19560**

产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	WB: 1:1000 - 1:2000
理论分子量	34kDa
实测分子量	34kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	A-549,Mouse liver
细胞定位	Golgi apparatus membrane,Single-pass type II membrane protein
纯化	Affinity purification

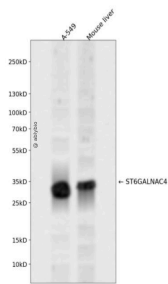
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 120-210 of human ST6GALNAC4 (NP_778204.1).
------	--

靶点信息

研究背景	The protein encoded by this gene is a type II membrane protein that catalyzes the transfer of sialic acid from CMP-sialic acid to galactose-containing substrates. The encoded protein prefers glycoproteins rather than glycolipids as substrates and shows restricted substrate specificity, utilizing only the trisaccharide sequence Neu5Ac-alpha-2,3-Gal-beta-1,3-GalNAc. In addition, it is involved in the synthesis of ganglioside GD1A from GM1B. The encoded protein is normally found in the Golgi apparatus but can be proteolytically processed to a soluble form. This protein is a member of glycosyltransferase family 29. Transcript variants encoding different isoforms have been found for this gene.
基因ID	27090
基因名	ST6GALNAC4
Swiss	Q9H4F1 (https://www.uniprot.org/uniprotkb/Q9H4F1/entry)
别名	ST6GALNAC4,IV,SIAT3-C,SIAT3C,SIAT7-D,SIAT7D,ST6GALNACIV,ST6GalNAc,ST6GALNAC4 Rabbit pAb,NeuAc-alpha-2,3-Gal-beta-1,3-GalNAc-alpha-2,6-sialyltransferase,ST6GalNAc IV,Sialyltransferase 3C,Sialyltransferase 7D

产品验证



Western blot analysis of ST6GALNAC4 expressed in A-549, Mouse liver using ST6GALNAC4 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

访问官网浏览详情: www.ablybio.cn (<https://www.ablybio.cn/www.ablybio.cn>)