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# ST3GAL5 Rabbit pAb

货号: **AYP15307**

## 产品信息

|       |  |
|-------|--|
| 反应    | Human,Mouse,Rat  |
| 宿主    | Rabbit   |
| 克隆性   | Polyclonal   |
| 预测反应  |  |
| 应用    | WB   |
| 推荐浓度  | <b>WB:</b> 1:500 - 1:2000  |
| 理论分子量 | 45kDa/47kDa  |
| 实测分子量 | 48kDa  |
| 形式    | Liquid   |
| 保存条件  | Store at -20°C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| 偶联物   | Unconjugated   |
| 阳性对照  | BT-474,U-251MG,SH-SY5Y,Mouse brain,Rat brain   |
| 细胞定位  | Golgi apparatus membrane,Single-pass type II membrane protein  |
| 纯化    | Affinity purification  |

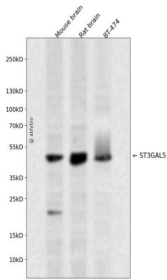
## 抗原信息

|      |  |
|------|--|
| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 80-200 of human ST3GAL5 (NP_003887.3). |
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## 靶点信息

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|-------|---|
| 研究背景  | Ganglioside GM3 is known to participate in the induction of cell differentiation, modulation of cell proliferation, maintenance of fibroblast morphology, signal transduction, and integrin-mediated cell adhesion. The protein encoded by this gene is a type II membrane protein which catalyzes the formation of GM3 using lactosylceramide as the substrate. The encoded protein is a member of glycosyltransferase family 29 and may be localized to the Golgi apparatus. Mutation in this gene has been associated with Amish infantile epilepsy syndrome. Transcript variants encoding different isoforms have been found for this gene. |
| 基因ID  | 8869  |
| 基因名   | ST3GAL5   |
| Swiss | Q9UNP4 ( <a href="https://www.uniprot.org/uniprotkb/Q9UNP4/entry">https://www.uniprot.org/uniprotkb/Q9UNP4/entry</a> )  |
| 别名    | ST3GAL5,SATI,SIAT9,SIATGM3S,SPDRS,ST3GalV,ST3GAL5 Rabbit pAb,CMP-NeuAc:lactosylceramide alpha-2,3-sialyltransferase,GM3 synthase,Ganglioside GM3 synthase,ST3Gal V,Sialyltransferase 9  |

## 产品验证



Western blot analysis of ST3GAL5 expressed in Mouse brain,Rat brain,BT-474 using ST3GAL5 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

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