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# Semaphorin 3A Rabbit pAb

货号: **AYP14071**

## 产品信息

|       |  |
|-------|--|
| 反应    | Mouse,Rat  |
| 宿主    | Rabbit   |
| 克隆性   | Polyclonal   |
| 预测反应  | <b>WB:</b> Mus musculus  |
| 应用    | WB   |
| 推荐浓度  | <b>WB:</b> 1:500 - 1:1000  |
| 理论分子量 | 88kDa  |
| 实测分子量 | 89kDa  |
| 形式    | Liquid   |
| 保存条件  | Store at -20°C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3. |
| 偶联物   | Unconjugated   |
| 阳性对照  | Mouse brain  |
| 细胞定位  | Secreted   |
| 纯化    | Affinity purification  |

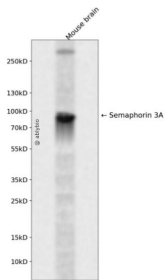
## 抗原信息

|      |  |
|------|--|
| 抗原信息 | A synthetic peptide corresponding to a sequence within amino acids 300-400 of human Semaphorin 3A (NP_006071.1). |
|------|--|

## 靶点信息

|       |  |
|-------|--|
| 研究背景  | This gene is a member of the semaphorin family and encodes a protein with an Ig-like C2-type (immunoglobulin-like) domain, a PSI domain and a Sema domain. This secreted protein can function as either a chemorepulsive agent, inhibiting axonal outgrowth, or as a chemoattractive agent, stimulating the growth of apical dendrites. In both cases, the protein is vital for normal neuronal pattern development. Increased expression of this protein is associated with schizophrenia and is seen in a variety of human tumor cell lines. Also, aberrant release of this protein is associated with the progression of Alzheimer's disease. |
| 基因ID  | 10371  |
| 基因名   | SEMA3A   |
| Swiss | Q14563 ( <a href="https://www.uniprot.org/uniprotkb/Q14563/entry">https://www.uniprot.org/uniprotkb/Q14563/entry</a> )   |
| 别名    | SEMA3A, COLL1, HH16, Hsema-I, Hsema-III, SEMA1, SEMAD, SEMAIII, SEMAL, SemD, coll-1, Semaphorin 3A Rabbit pAb, Semaphorin III  |

## 产品验证



Western blot analysis of Semaphorin 3A expressed in Mouse brain using Semaphorin 3A 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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