

# GABARAPL2 Rabbit pAb

货号: B13290

产品信息

|       |                                                                                                        |
|-------|--------------------------------------------------------------------------------------------------------|
| 反应    | Human,Mouse,Rat                                                                                        |
| 宿主    | Rabbit                                                                                                 |
| 克隆性   | Polyclonal                                                                                             |
| 预测反应  | <b>IF:</b> Mus musculus                                                                                |
| 应用    | <a href="#">WB</a> <a href="#">IHC</a>                                                                 |
| 推荐浓度  | <b>WB:</b> 1:500 - 1:2000<br><b>IHC:</b> 1:50 - 1:200                                                  |
| 理论分子量 | 13kDa                                                                                                  |
| 实测分子量 | 14kDa                                                                                                  |
| 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  | Mouse brain                                                                                            |
| 细胞定位  | Cytoplasmic vesicle,Golgi apparatus,autophagosome                                                      |
| 纯化    | Affinity purification                                                                                  |

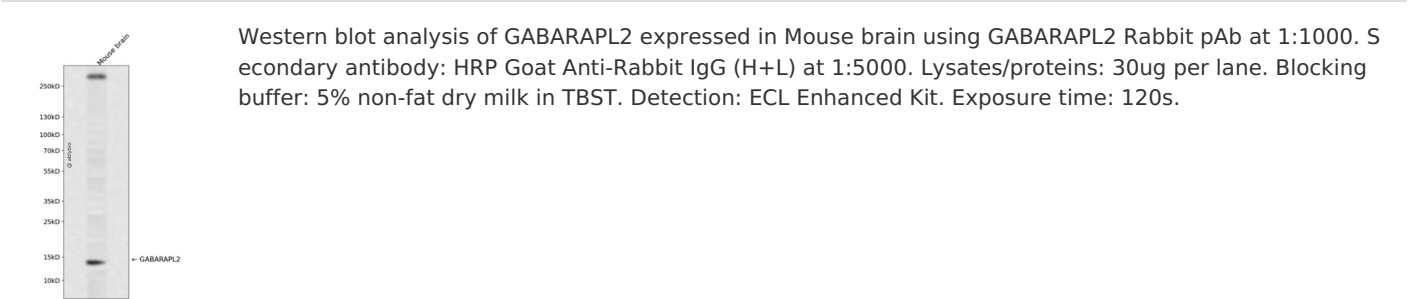
抗原信息

|      |                                                                                                                        |
|------|------------------------------------------------------------------------------------------------------------------------|
| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 1-117 of human GABAR APL2 (NP_009216.1). |
| 序列   | MKWMFKEDHSLEHRCVESAKIRAKYPDRVPIVEKVGSGSQIVDIDKRKYLVPSDITVAQFMWIIRKRIQLPSEKAIFLFVDKT VPQSSLTMGQLYEKEKDEDGFLYVAYSGENTFGF |

靶点信息

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| 研究背景  | Ubiquitin-like modifier involved in intra-Golgi traffic (By similarity). Modulates intra-Golgi transport through coupling between NSF activity and SNAREs activation (By similarity). It first stimulates the ATPase activity of NSF which in turn stimulates the association with GOSR1 (By similarity). Involved in autophagy. Plays a role in mitophagy which contributes to regulate mitochondrial quantity and quality by eliminating the mitochondria to a basal level to fulfill cellular energy requirements and preventing excess ROS production. Whereas LC3s are involved in elongation of the phagophore membrane, the GABARAP/GATE-16 subfamily is essential for a later stage in autophagosome maturation. |
| 基因ID  | 11345                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 基因名   | GABARAPL2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Swiss | P60520                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 别名    | GABARAPL2;ATG8;ATG8C;GATE-16;GATE16;GEF-2;GEF2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

产品验证



实验步骤

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