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PIP5K1A Rabbit pAb

货号: **AYP21218**

产品信息

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|-------|--|
| 反应 | Human,Mouse,Rat |
| 宿主 | Rabbit |
| 克隆性 | Polyclonal |
| 预测反应 | |
| 应用 | WB IHC IF/ICC |
| 推荐浓度 | WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200 |
| 理论分子量 | 56kDa/58kDa/61kDa/62kDa |
| 实测分子量 | 63kDa |
| 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 | 293T |
| 细胞定位 | Cell membrane,Cell projection,Cytoplasm,Nucleus speckle,ruffle |
| 纯化 | Affinity purification |

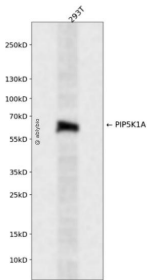
抗原信息

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| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 231-500 of human PIP5 K1A (NP_001129109.1). |
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靶点信息

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| 研究背景 | Catalyzes the phosphorylation of phosphatidylinositol 4-phosphate (PtdIns(4P)/PI4P to form phosphatidylinositol 4,5-bisphosphate (PtdIns(4,5P2)/PIP2, a lipid second messenger that regulates several cellular processes such as signal transduction, vesicle trafficking, actin cytoskeleton dynamics, cell adhesion, and cell motility. PtdIns(4,5P2) can directly act as a second messenger or can be utilized as a precursor to generate other second messengers: inositol 1,4,5-trisphosphate (IP3), diacylglycerol (DAG) or phosphatidylinositol-3,4,5-trisphosphate (PtdIns(3,4,5P3)/PIP3. PIP5K1A-mediated phosphorylation of PtdIns(4P) is the predominant pathway for PtdIns(4,5P2) synthesis (By similarity). Can also use phosphatidylinositol (PtdIns) as substrate in vitro. Together with PIP5K1C, is required for phagocytosis, both enzymes regulating different types of actin remodeling at sequential steps (By similarity). |
| 基因ID | 8394 |
| 基因名 | PIP5K1A |
| Swiss | Q99755 (https://www.uniprot.org/uniprotkb/Q99755/entry) |
| 别名 | PIP5K1A, PIP5K1A Rabbit pAb, 68 kDa type I phosphatidylinositol 4-phosphate 5-kinase alpha, Phosphatidylinositol 4-phosphate 5-kinase type I alpha |

产品验证



Western blot analysis of PIP5K1A expressed in 293T using PIP5K1A 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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