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PIP5K1A Rabbit pAb

货号: **AYP19351**

产品信息

反应	Human,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC
推荐浓度	WB: 1:500 - 1:2000 IHC: 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 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	A-431,Jurkat,Rat spinal cord
细胞定位	Cell membrane,Cell projection,Cytoplasm,Nucleus speckle,ruffle
纯化	Affinity purification

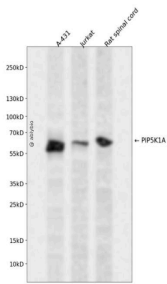
抗原信息

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

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 A-431, Jurkat, Rat spinal cord 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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