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PIP4K2A Rabbit pAb

货号: **AYP16337**

产品信息

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	39kDa/46kDa
实测分子量	46kDa
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	Jurkat,MCF7,Mouse brain,Mouse spinal cord,Rat brain
细胞定位	Cell membrane,Cytoplasm,Nucleus
纯化	Affinity purification

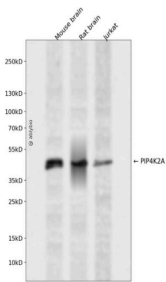
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 120-350 of human PIP4 K2A (NP_005019.2).
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靶点信息

研究背景	Phosphatidylinositol-5,4-bisphosphate, the precursor to second messengers of the phosphoinositide signal transduction pathways, is thought to be involved in the regulation of secretion, cell proliferation, differentiation, and motility. The protein encoded by this gene is one of a family of enzymes capable of catalyzing the phosphorylation of phosphatidylinositol-5-phosphate on the fourth hydroxyl of the myo-inositol ring to form phosphatidylinositol-5,4-bisphosphate. The amino acid sequence of this enzyme does not show homology to other kinases, but the recombinant protein does exhibit kinase activity. This gene is a member of the phosphatidylinositol-5-phosphate 4-kinase family.
基因ID	5305
基因名	PIP4K2A
Swiss	P48426 (https://www.uniprot.org/uniprotkb/P48426/entry)
别名	PIP4K2A,PI5P4KA,PIP5K2A,PIP5KII-alpha,PIP5KIIA,PIPK,PIP4K2A Rabbit pAb,1-phosphatidylinositol 5-phosphate 4-kinase 2-alpha,Diphosphoinositide kinase 2-alpha,PIP5KIII,Phosphatidylinositol 5-Phosphate 4-Kinase,Phosphatidylinositol 5-phosphate 4-kinase type II alpha,PtdIns(4)P-5-kinase B isoform

产品验证



Western blot analysis of PIP4K2A expressed in Mouse brain,Rat brain,Jurkat using PIP4K2A 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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