

— ABLYBIO, Help Your Research



PIP5K1B Rabbit pAb

货号: **AYP25330**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IF/ICC
推荐浓度	WB: 1:500 - 1:2000 IF/ICC: 1:50 - 1:200
理论分子量	56kDa/61kDa/62kDa
实测分子量	71kDa
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	Mouse heart,Mouse lung
细胞定位	Endomembrane system
纯化	Affinity purification

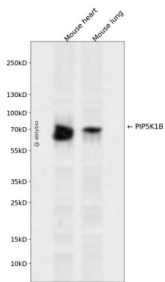
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 190-470 of human PIP5K1B (NP_003549.1).
------	---

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 (By similarity. 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 (By similarity. Mediates RAC1-dependent reorganization of actin filaments. Contributes to the activation of phospholipase PLD2. Together with PIP5K1A, is required, after stimulation by G-protein coupled receptors, for the synthesis of IP3 that will induce stable platelet adhesion (By similarity.
基因ID	8395
基因名	PIP5K1B
Swiss	O14986 (https://www.uniprot.org/uniprotkb/O14986/entry)
别名	PIP5K1B,MSS4,STM7,PIP5K1B Rabbit pAb,Phosphatidylinositol 4-phosphate 5-kinase type I beta,Protein STM-7,Type I phosphatidylinositol 4-phosphate 5-kinase beta

产品验证



Western blot analysis of PIP5K1B expressed in Mouse heart, Mouse lung using PIP5K1B 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

访问官网浏览详情: www.ablybio.cn (<https://www.ablybio.cn/www.ablybio.cn>)