

## PIP5K1B RABBIT PAB

货号: S217159

产品全名: PIP5K1B 兔多抗

基因符号: MSS4; STM7

**UNIPROT ID:** O14986 (Gene Accession - BC030587)

**背景:** Phosphatidylinositol-4-phosphate-5-kinase (PIP5K) synthesizes phosphatidylinositol-4,5-bisphosphate, which regulates various processes including cell proliferation, survival, membrane trafficking, and cytoskeletal organization. The PIP5K family is divided into type I, type II and type III. Each type of the PIP5K family phosphorylate distinct substrates and they contain an activation loop, which determines their enzymatic specificity and subcellular targeting. The phosphatidylinositol-4-phosphate-5-kinase type I consists of three members, PIP5K I $\alpha$ ,  $\beta$ , and  $\gamma$ , which are characterized by phosphorylating PI4P on the 5-hydroxyl. PIP5K I $\alpha$  (designated PIP5K I $\beta$  in mouse) is expressed in brain tissue. PIP5K I $\beta$ , designated PIP5K I $\alpha$  in mouse, is also called STM7. PIP5K I $\gamma$  has two variants produced by alternative splicing which are expressed in lung, brain, and kidneys.

**抗原:** Fusion protein of human PIP5K1B

**经过测试的应用:** ELISA, IHC

**推荐稀释比:** IHC: 50-200; ELISA: 2000-5000

**种属反应性:** Rabbit

**克隆性:** Rabbit Polyclonal

**亚型:** Immunogen-specific rabbit IgG

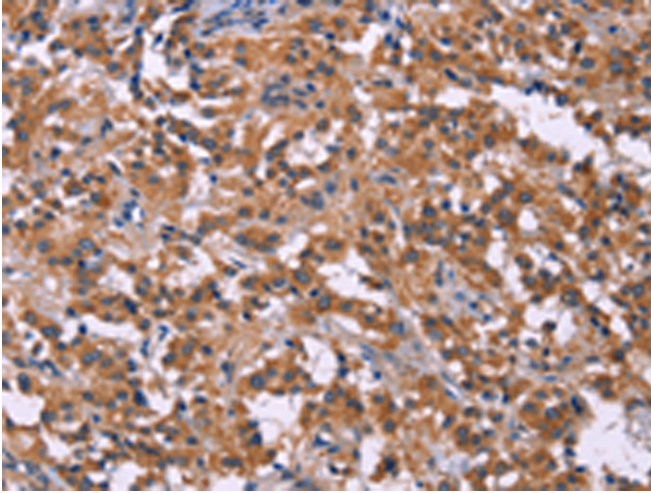
**纯化:** Antigen affinity purification

**种属反应性:** Human, Mouse, Rat

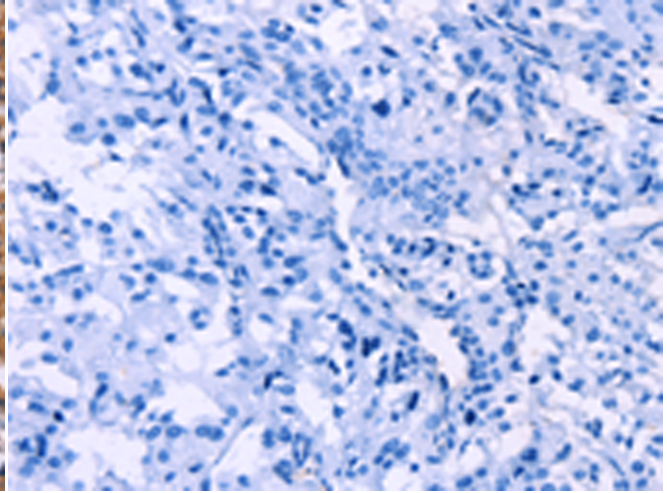
**成分:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**研究领域:** Signal Transduction

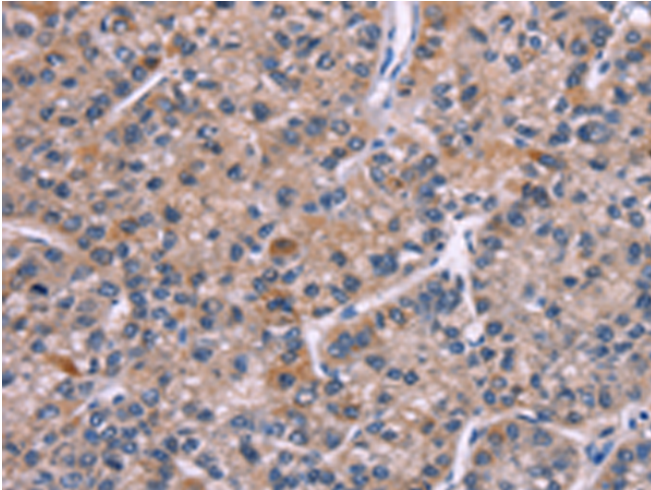
**储存和运输:** Store at -20°C. Avoid repeated freezing and thawing



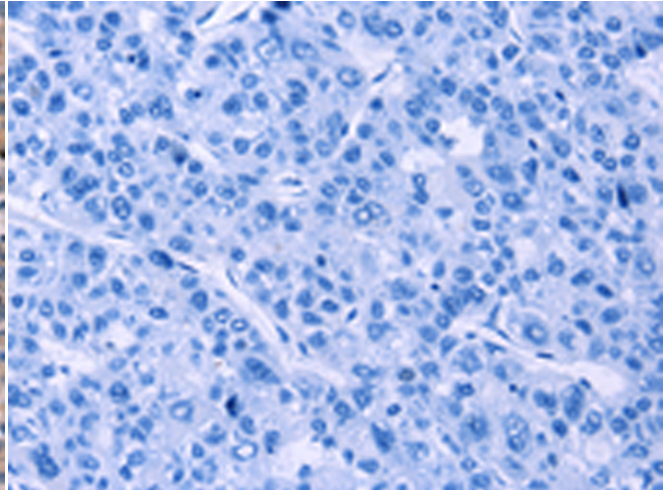
Immunohistochemistry analysis of paraffin embedded Human thyroid cancer tissue using 217159(PIP5K1B Antibody) at a dilution of 1/30(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with the fusion protein and then with 217159(Anti-PIP5K1B Antibody) at dilution 1/30.



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 217159(Anti-PIP5K1B Antibody) at a dilution of 1/30.



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with fusion protein and then with D221896(Anti-PIP5K1B Antibody) at dilution 1/30.