

兔抗 PIP5K1B 多克隆抗体

中文名称：兔抗 PIP5K1B 多克隆抗体

英文名称：Anti-PIP5K1B rabbit polyclonal antibody

别名：MSS4; STM7

相关类别：一抗

抗原：PIP5K1B

储存：冷冻（-20℃）

宿主：Rabbit

反应种属：Human, Mouse, Rat

标记物：Unconjugate

克隆类型：rabbit polyclonal

技术规格

Background:

Phosphatidylinositol-4-phosphate-5-kinase (PIPK) synthesizes phosphatidylinositol-4,5-bisphosphate, which regulates various processes including cell proliferation, survival, membrane trafficking, and cytoskeletal organization. The PIPK family is divided into type I, type II and type III. Each type of the PIPK 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, PIPK I α , I β , and I γ , which are characterized by phosphorylating PI4P on the 5-hydroxyl. PIPK I β (designated PIPK I β in mouse) is expressed in brain tissue. PIPK I α , designated PIPK I α in mouse, is also called STM7. PIPK I α has two variants produced by alternative splicing which are expressed in lung, brain, and kidneys.

Applications:	ELISA, IHC
Name of antibody:	PIP5K1B
Immunogen:	Fusion protein of human PIP5K1B
Full name:	phosphatidylinositol-4-phosphate 5-kinase, type I, beta
Synonyms :	MSS4; STM7
SwissProt:	O14986
ELISA Recommended dilution:	2000-5000
IHC positive control:	Human thyroid cancer and human brain
IHC Recommend dilution:	50-200

