003216589045 (EU)
0203393 8531 (UK)
(408)780-0908 (US)
info@gentaur.com
www.caslab.com

PIP5K1B Polyclonal Antibody

Cat #: G-AB-11844

Host: Rabbit **Reactivity:** Human, Mouse, Rat

Isotype: IgG **Clonality:**

Overview:
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 , , and , which are characterized by phosphorylating PI4P on the 5-hydroxyl . PIPK I (designated PIPK I in mouse) is expressed in brain tissue . PIPK I , designated PIPK I a in mouse, is also called STM7. PIPK I has two variants produced by alternative splicing which are expressed in lung, brain, and kidneys.

Gene ID: 8395

Accession #:

Immunogen: Recombinant fusion protein of human PIP5K1B (NP_003549.1).

Conjugation: Unconjugated

Swissprot: O14986

Calculated Molecular Weight:

Observed Molecular Weight:

Concentration: 1 mg/mL

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3

Purification Method: Affinity purification

Application: IF

Dilution: IF 1:50-1:200

Storage: Store at -20°C. Avoid freeze / thaw cycles.