PIP5K1B Antibody

PACO15763

Product Information

Size:

50ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, IHC

Recommended dilutions:

ELISA:1:2000-1:5000, IHC:1:50-1:200

Protein 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 , integral, and , which are characterized by phosphorylating PI4P on the 5-hydroxyl. PIPK I (designated PIPK I integral in mouse) is expressed in brain tissue. PIPK I integral, 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:

PIP5K1B

Uniprot

O14986

Synonyms:

phosphatidylinositol-4-phosphate 5-kinase, type I, beta

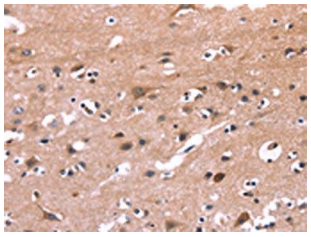
Immunogen:

Fusion protein of human PIP5K1B.

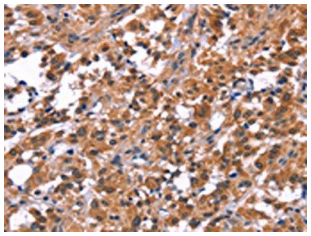
Storage:

-20° C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using PACO15763(PIP5K1B Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x—200).



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using PACO15763(PIP5K1B Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x—200).