

PACO44033

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## Product Information

**Size:**

50ul

**Reactivity:**

Human

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, IHC

**Recommended dilutions:**

ELISA:1:2000-1:10000, IHC:1:20-1:200

**Protein Background:**

The PI(3,5)P2 regulatory complex regulates both the synthesis and turnover of phosphatidylinositol 3,5-bisphosphate (PtdIns(3,5)P2). Catalyzes the phosphorylation of phosphatidylinositol 3-phosphate on the fifth hydroxyl of the myo-inositol ring, to form phosphatidylinositol 3,5-bisphosphate. Required for endocytic-vacuolar pathway and nuclear migration. Plays a role in the biogenesis of endosome carrier vesicles (ECV)/ multivesicular bodies (MVB) transport intermediates from early endosomes.

**Gene ID:**

PIKFYVE

**Uniprot**

Q9Y2I7

**Synonyms:**

1-phosphatidylinositol 3-phosphate 5-kinase (Phosphatidylinositol 3-phosphate 5-kinase) (EC 2.7.1.150) (FYVE finger-containing phosphoinositide kinase) (PIKfyve) (Phosphatidylinositol 3-phosphate 5-kinase type III) (PIPkin-III) (Type III PIP kinase), PIKFYVE, KIAA0981 PIP5K3

**Immunogen:**

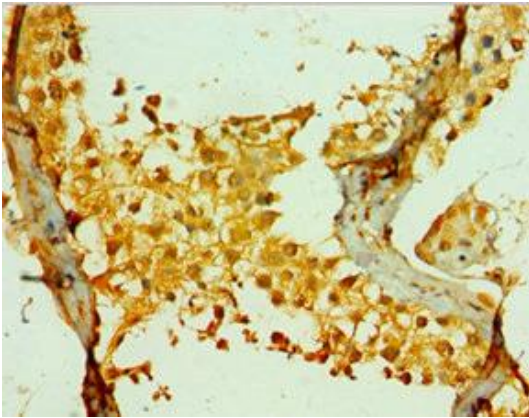
Recombinant Human 1-phosphatidylinositol 3-phosphate 5-kinase protein (1819-2098AA).

**Storage:**

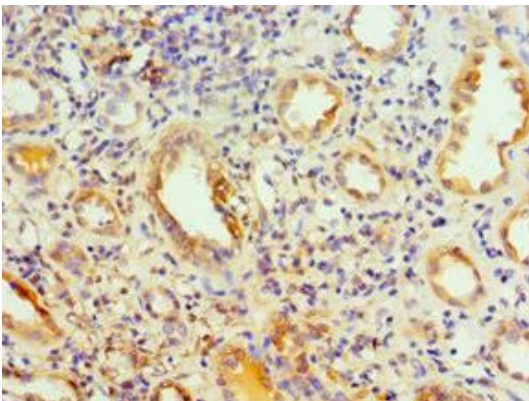
PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Immunohistochemistry of paraffin-embedded human testis tissue using PACO44033 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human kidney tissue using PACO44033 at dilution of 1:100.