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Datasheet for ABIN7263761 anti-PIP5K1B antibody

Image



Overview

Quantity:	200 µL
Target:	PIP5K1B
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIP5K1B antibody is un-conjugated
Application:	Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human PIP5K1B (NP_003549.1).
Isotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	PIP5K1B
Alternative Name:	PIP5K1B (PIP5K1B Products)
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

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Target Details

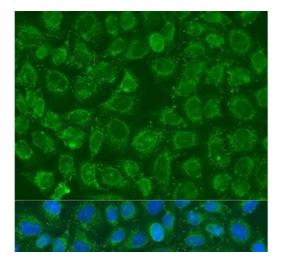
	an activation loop, which determines their enzymatic specificity and subcellular targeting . The
	phosphatidylinositol-4-phosphate-5-kinase type I consists of three members, PIPK I , , and ,
	which are characterized by phosphorylating PI4P on the 5-hydroxyl . PIPK I (designated PIPK I
	in mouse) is expressed 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
Gene ID: UniProt:	8395 014986

Application Details

Application Notes:	IF 1:50-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

Image 1. Immunofluorescence analysis of U2OS cells using PIP5K1B Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

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