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Datasheet for ABIN7163202
anti-PIP4K2C antibody (AA 127-408)

3 Images

Overview

Quantity:	100 µL
Target:	PIP4K2C
Binding Specificity:	AA 127-408
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIP4K2C antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Phosphatidylinositol 5-phosphate 4-kinase type-2 gamma protein (127-408AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	PIP4K2C
Alternative Name:	PIP4K2C (PIP4K2C Products)
Background:	Background: May play an important role in the production of Phosphatidylinositol bisphosphate

Target Details

(PIP2), in the endoplasmic reticulum.

Aliases: Phosphatidylinositol 4 phosphate 5 kinase antibody, Phosphatidylinositol 4 phosphate 5 kinase type II gamma antibody, Phosphatidylinositol-5-phosphate 4-kinase type II gamma antibody, Phosphatidylinositol-5-phosphate 4-kinase type-2 gamma antibody, PI(5)P 4-kinase type II gamma antibody, PI42C_HUMAN antibody, Pip4k2c antibody, PIP4KII-gamma antibody, PIP5K2C antibody

UniProt: [Q8TBX8](#)

Pathways: [Inositol Metabolic Process](#)

Application Details

Application Notes: Recommended dilution: IHC:1:200-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

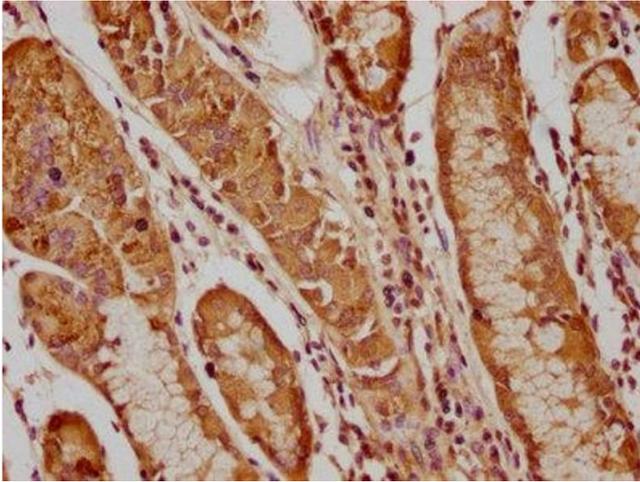
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

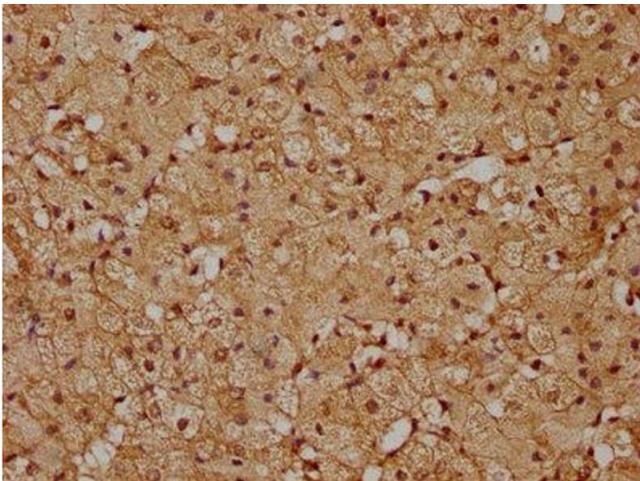
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



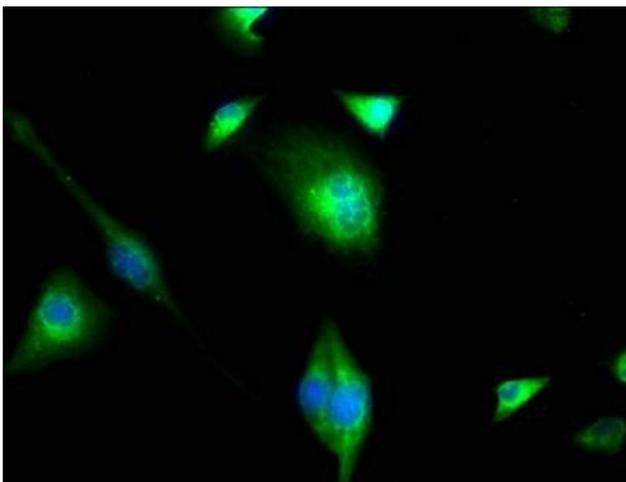
Immunohistochemistry

Image 1. IHC image of ABIN7163202 diluted at 1:200 and staining in paraffin-embedded human gastric cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunohistochemistry

Image 2. IHC image of ABIN7163202 diluted at 1:200 and staining in paraffin-embedded human adrenal gland tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence

Image 3. Immunofluorescence staining of U251 cells with ABIN7163202 at 1:100, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).