

PI 3-Kinase C2 Gamma Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP07134
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from the N-terminal region of human PI 3-Kinase C2γ.
Mol wt	166095
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	PI 3-Kinase C2gamma Antibody
Synonyms	PIK3C2G; Phosphatidylinositol 4-phosphate 3-kinase C2 domain-containing subunit gamma; PI3K-C2-gamma; PtdIns-3-kinase C2 subunit gamma; Phosphoinositide 3-kinase-C2-gamma

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The protein encoded by PIK3C2G (phosphatidylinositol-4-phosphate 3-kinase catalytic subunit type 2 gamma) belongs to the phosphoinositide 3-kinase (PI3K) family. PI3-kinases play roles in signaling pathways involved in cell proliferation, oncogenic transformation, cell survival, cell migration, and intracellular protein trafficking. This protein contains a lipid kinase catalytic domain as well as a C-terminal C2 domain, a characteristic of class II PI3-kinases. C2 domains act as calcium-dependent phospholipid binding motifs that mediate translocation of proteins to membranes, and may also mediate protein-protein interactions. PIK3C2G may play a role in several diseases, including type II diabetes. Alternative splicing results in multiple transcript variants.

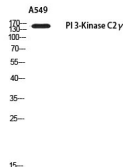
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 10000

Not yet tested in other applications.

Images



Western blot analysis of A549 using PI 3-Kinase C2γ antibody. Secondary antibody was diluted at 1:20000

Storage

-20°C for one year