

Anti-PI3K C2 gamma Antibody
Rabbit polyclonal antibody to PI3K C2 gamma
Catalog # AP59662**Specification**

Anti-PI3K C2 gamma Antibody - Product Information

Application	WB
Primary Accession	O75747
Other Accession	O70167
Reactivity	Human, Mouse, Rat, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	170682

Anti-PI3K C2 gamma Antibody - Additional Information**Gene ID** 5288**Other Names**

Phosphatidylinositol 4-phosphate 3-kinase C2 domain-containing subunit gamma; PI3K-C2-gamma; PtdIns-3-kinase C2 subunit gamma; Phosphoinositide 3-kinase-C2-gamma

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human PI3K C2 gamma. The exact sequence is proprietary.

Dilution

WB~~WB (1/500 - 1/1000)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-PI3K C2 gamma Antibody - Protein Information**Name** PIK3C2G**Function**

Generates phosphatidylinositol 3-phosphate (PtdIns3P) and phosphatidylinositol 3,4-bisphosphate (PtdIns(3,4)P2) that act as second messengers (By similarity). May play a role in SDF1A-stimulated chemotaxis (By similarity).

Cellular Location

Membrane {ECO:0000250|UniProtKB:O70167}; Peripheral membrane protein {ECO:0000250|UniProtKB:O70167}

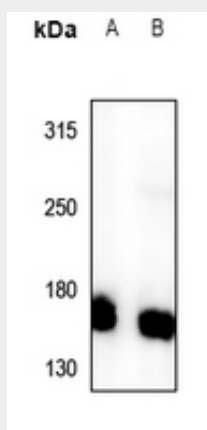
Tissue Location

Highly expressed in liver, prostate and testis. Lower levels in small intestine, kidney and pancreas

Anti-PI3K C2 gamma Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-PI3K C2 gamma Antibody - Images

Western blot analysis of PI3K C2 gamma expression in PC3 (A), HepG2 (B) whole cell lysates.

Anti-PI3K C2 gamma Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human PI3K C2 gamma. The exact sequence is proprietary.