

Rabbit PI3K C2 gamma Polyclonal Antibody | anti-PI3K antibody

Anti-PI3K C2 gamma Antibody

CATALOG # AAA292338	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Monkey	APPLICATIONS Western Blot
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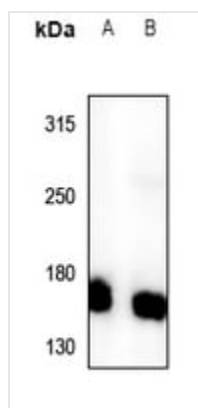
PRODUCT SYNONYMS

PI3K C2 gamma; Polyclonal Antibody; Anti-PI3K C2 gamma Antibody; Phosphatidylinositol 4-phosphate 3-kinase C2 domain-containing subunit gamma; PI3K-C2-gamma; PtdIns-3-kinase C2 subunit gamma; Phosphoinositide 3-kinase-C2-gamma; anti-PI3K antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of PI3K C2 gamma protein.
Applicable Applications for anti-PI3K antibody	WB (Western Blot)
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
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-PI3K antibody	Rabbit polyclonal antibody to PI3K C2 gamma KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human PI3K C2 gamma. The exact sequence is proprietary.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	571026668
NCBI GeneID	5288
NCBI Accession #	NP_001275701.1
NCBI GenBank Nucleotide #	NM_001288772.1
UniProt Accession #	O75747; A1L3U0
Molecular Weight	165,715 Da
NCBI Official Full Name	phosphatidylinositol 4-phosphate 3-kinase C2 domain-containing subunit gamma isoform 1
NCBI Official Synonym Full Names	phosphatidylinositol-4-phosphate 3-kinase catalytic subunit type 2 gamma
NCBI Official Symbol	PIK3C2G
NCBI Official Synonym Symbols	PI3K-C2GAMMA; PI3K-C2-gamma
NCBI Protein Information	phosphatidylinositol 4-phosphate 3-kinase C2 domain-containing subunit gamma
UniProt Protein Name	Phosphatidylinositol 4-phosphate 3-kinase C2 domain-containing subunit gamma
UniProt Gene Name	PIK3C2G
UniProt Synonym Gene Names	PI3K-C2-gamma; PtdIns-3-kinase C2 subunit gamma

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pi3k-c2-gamma-antibody-western-blot-elisa/292338>