

Rabbit anti-Human, Mouse PI3K gamma/Pik3cg Polyclonal Antibody | anti-Pik3cg antibody

Anti-PI3K gamma/Pik3cg Antibody, Rabbit Polyclonal

CATALOG # AAA254419	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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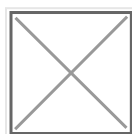
PRODUCT SYNONYMS

PI3K gamma/Pik3cg; Polyclonal Antibody; Anti-PI3K gamma/Pik3cg Antibody; Rabbit Polyclonal; PIK3CG/PI3K Antibody; Rabbit PAb; Antigen Affinity Purified; anti-Pik3cg antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human PI3K gamma/Pik3cg
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-Pik3cg antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the C-terminus of the Human PIK3CG/PI3K
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the Human PIK3CG/PI3K, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



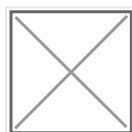
IHC (Immunohistochemistry)

Immunochemical staining CK14 in rat skin with rabbit polyclonal antibody (1:2500, formalin-fixed paraffin embedded sections).



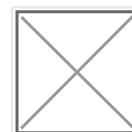
IHC (Immunohistochemistry)

Immunochemical staining PIK3CG in mouse liver with rabbit polyclonal antibody (1:2500, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining PIK3CG in human kidney with rabbit polyclonal antibody (1:2500, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining PIK3CG in human liver with rabbit polyclonal antibody (1:2500, formalin-fixed paraffin embedded sections).



Anti-PIK3CG rabbit polyclonal antibody at 1:500 dilution Lane A: Jurkat Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti- Rabbit IgG H&L (Dylight 800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 126 kDa Observed band size: 126 kDa

Related Product Information for anti-Pik3cg antibody

Phosphoinositide 3-kinases (PI3Ks) phosphorylate inositol lipids and are involved in the immune response. The protein encoded by this gene is a class I catalytic subunit of PI3K. Like other class I catalytic subunits (p11-alpha, p11-beta, and p11-delta), the encoded protein binds a p85 regulatory subunit to form PI3K. This gene is located in a commonly deleted segment of chromosome 7 previously identified in myeloid leukemias. Several transcript variants encoding the same protein have been found for this gene.

Product Categories/Family for anti-Pik3cg antibody

Common G-Chain signaling pathway

References

Kachele M, Hennige AM, Machann J, et al. Variation in the Phosphoinositide 3-Kinase Gamma Gene Affects Plasma HDL-Cholesterol without Modification of Metabolic or Inflammatory Markers. Zhang Y, ed. PLoS ONE. 2015;10(12):e0144494.

NCBI GI

21237725

NCBI GeneID

5294

NCBI Accession

NP 002640.2

NCBI GenBank Nucleotide

NM 002649.2

UniProt Accession

P48736; Q8IV23; Q9BZC8; A4D0Q6

Molecular Weight

126.454 Da

NCBI Official Full Name

phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit gamma isoform

NCBI Official Synonym Full Names

phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit gamma

NCBI Official Symbol

PIK3CG

NCBI Official Synonym Symbols

PI3K; PIK3; PI3CG; PI3Kgamma

NCBI Protein Information

phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit gamma isoform; p110gamma; p120-PI3K; PI3K-gamma; p110-gamma; PI3-kinase subunit gamma; ptdIns-3-kinase subunit gamma; 1-phosphatidylinositol 3-kinase; ptdIns-3-kinase subunit p110-gamma; ser

UniProt Protein Name

Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit gamma isoform

UniProt Gene Name

PIK3CG

UniProt Synonym Gene Names

PI3-kinase subunit gamma; PI3K-gamma; PI3Kgamma; PtdIns-3-kinase subunit gamma; PtdIns-3-kinase subunit
p110-gamma; p110gamma

UniProt Entry Name

PK3CG HUMAN

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.