

Rabbit anti-Human, Mouse PI3K p110 gamma Polyclonal Antibody | anti-PI3K antibody

PI3K p110 gamma Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA269089	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PI3K p110 gamma; Polyclonal Antibody; PI3K p110 gamma Antibody; Phosphatidylinositol 4; 5-bisphosphate 3-kinase catalytic subunit gamma isoform; PI3-kinase subunit gamma; PI3K-gamma; PI3Kgamma; PtdIns-3-kinase subunit gamma; 5-bisphosphate 3-kinase 110 kDa catalytic subunit gamma; PtdIns-3-kinase subunit p110-gamma; p110gamma; Phosphoinositide-3-kinase catalytic gamma polypeptide; Serine/threonine protein kinase PIK3CG; p120-PI3K; anti-PI3K antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Recognizes endogenous levels of PI3K p110 gamma protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-PI3K antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human PI3K p110 gamma. The exact sequence is proprietary.
Preparation and Storage	Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of PI3K p110 gamma staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of PI3K p110 gamma expression in Jurkat (A), NIH3T 3 (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-PI3K antibody	Rabbit polyclonal antibody to PI3K p110 gamma
Product Categories/Family for anti-PI3K antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/pi3k-p110-gamma-antibody-immunohistochemistry-western-blot-elisa/269089>