

Rabbit anti-Human PIK3CG Polyclonal Antibody | anti-PIK3CG antibody

PIK3CG Rabbit pAb

CATALOG # AAA283303	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry
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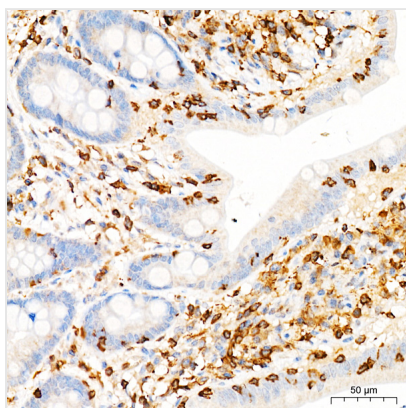
PRODUCT SYNONYMS

PIK3CG; Polyclonal Antibody; PIK3CG Rabbit pAb; PI3K; PIK3; IMD97; PI3CG; PI3Kgamma; p110gamma; p120-PI3K; anti-PIK3CG antibody

PRODUCT SPECIFICATIONS

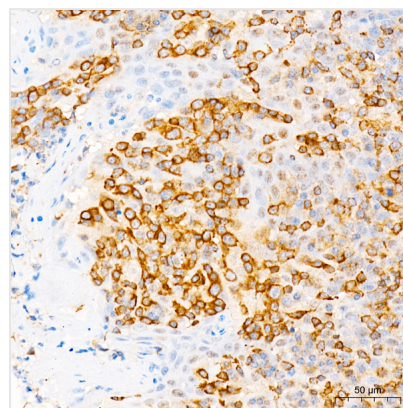
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	WVTSKPLPEY LWKKIANNCI FIVHRSTTS QTIKVSPDDT PGAILQSFFT KMAKKKSLMD IPESQSEQDF VLRVCGRDEY LVGETPIKNF QWVRHCLKNG EEIHVVDTP PDPALDEV RK EEWPLVDDCT
Applicable Applications for anti-PIK3CG antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 201-330 of human PIK3CG (NP_002640.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human colon tissue using PI 3 Kinase catalytic subunit gamma Rabbit pAb (AAA283303) at a dilution of 1:1200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using PI 3 Kinase catalytic subunit gamma Rabbit pAb (AAA283303) at a dilution of 1:1200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

ADDITIONAL INFORMATION

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 (p110-alpha p110-beta, and p110-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	Epigenetics Nuclear Signaling; Translation Control; Regulation of eIF4 and p70 S6 Kinase; Cancer; Signal Transduction; G protein signaling; G-Protein-Coupled ReceptorsGPCR; G-Protein-Coupled Receptors Signaling to MAPK Erk; Kinase; PI3K-Akt Signaling Path

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	Calculated MW: 126kDa
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.