

Rabbit anti-Human PI3 Kinase p110 beta/PIK3CB Polyclonal Antibody | anti-PIK3CB antibody

Anti-PI3 Kinase p110 beta/PIK3CB Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255180	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Immunohistochemistry

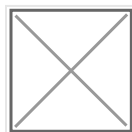
PRODUCT SYNONYMS

PI3 Kinase p110 beta/PIK3CB; Polyclonal Antibody; Anti-PI3 Kinase p110 beta/PIK3CB Antibody; Rabbit Polyclonal; PIK3CB Antibody; Rabbit PAb; Antigen Affinity Purified; phosphatidylinositol-4; 5-bisphosphate 3-kinase; catalytic subunit beta; Anti-P110BETA Antibody; Anti-PI3K Antibody; Anti-PI3KBETA Antibody; Anti-PIK3C1 Antibody; anti-PIK3CB antibody

PRODUCT SPECIFICATIONS

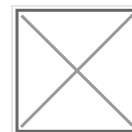
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human PIK3CB
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-PIK3CB antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the center region of the Human PIK3CB
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human PIK3CB, 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. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of PIK3CB in Hela cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human PIK3CB polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Nucleus.



IHC (Immunohistochemistry)

Immunochemical staining of human PIK3CB in human kidney with rabbit polyclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-PIK3CB antibody	PIK3CB gene encodes an isoform of the catalytic subunit of phosphoinositide 3-kinase (PI3K). These kinases are important in signaling pathways involving receptors on the outer membrane of eukaryotic cells and are named for their catalytic subunit. The encoded protein is the catalytic subunit for PI3Kbeta (PI3KB). PI3KB has been shown to be part of the activation pathway in neutrophils which have bound immune complexes at sites of injury or infection. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-PIK3CB antibody	Cancer Drug Targets; EGFR Signaling Pathway
References	Draaisma K, Wijnenga MMJ, Weenink B, et al. PI3 kinase mutations and mutational load as poor prognostic markers in diffuse glioma patients. Acta Neuropathologica Communications.

NCBI AND UNIPROT INFORMATION

NCBI GI #	365777411
NCBI GeneID	5291
NCBI Accession #	NP_001242974.1
NCBI GenBank Nucleotide #	NM_001256045.1
UniProt Accession #	P42338; Q24JU2; D3DNF0
Molecular Weight	1070
NCBI Official Full Name	phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit beta isoform isoform 2
NCBI Official Synonym Full Names	phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit beta
NCBI Official Symbol	PIK3CB
NCBI Official Synonym Symbols	PI3K; PIK3C1; P110BETA; PI3KBETA
NCBI Protein Information	phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit beta isoform; PI3K-beta; PtdIns-3-kinase p110; PI3-kinase subunit beta; PI3-kinase p110 subunit beta; ptdIns-3-kinase subunit beta; ptdIns-3-kinase subunit p110-beta; phosphoinositide-3-kina
UniProt Protein Name	Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit beta isoform
UniProt Gene Name	PIK3CB
UniProt Synonym Gene Names	PIK3C1; PI3-kinase subunit beta; PI3K-beta; PI3Kbeta; PtdIns-3-kinase subunit beta; PtdIns-3-kinase subunit p110-beta; p110beta
UniProt Entry Name	PK3CB_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pi3-kinase-p110-beta-pik3cb-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/255180>