

Rabbit PIK4CB Polyclonal Antibody | anti-PI4KB antibody

PIK4CB Antibody (Center)

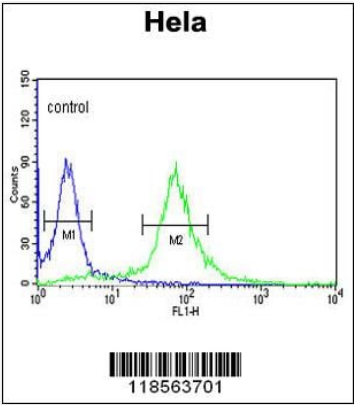
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289954	Rabbit	Human (Predicted Reactivity: Bovine, Zebrafish, Mouse, Rat)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

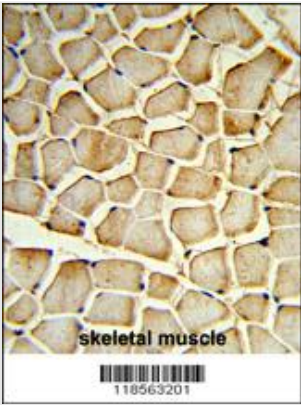
PIK4CB; Polyclonal Antibody; PIK4CB Antibody (Center); Phosphatidylinositol 4-kinase beta; PI4K-beta; PI4Kbeta; PtdIns 4-kinase beta; NPIK; PI4K92; PI4KB; anti-PI4KB antibody

PRODUCT SPECIFICATIONS

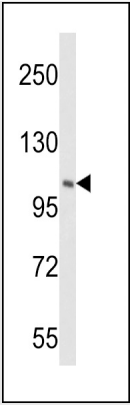
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Zebrafish, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PIK4CB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 519-548 amino acids from the Central region of human PIK4CB.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	519-548
Sequence Length	484
Applicable Applications for anti-PI4KB antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
PIK4CB Antibody (Center) flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human skeletal muscle reacted with PIK4CB Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of PIK4CB Antibody (Center) in HeLa cell line lysates (35ug/lane). PIK4CB (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-PI4KB antibody	PIK4CB phosphorylates phosphatidylinositol (PI) in the first committed step in the production of the second messenger inositol-1,4,5,-trisphosphate (PIP). It may regulate Golgi disintegration/reorganization during mitosis, possibly via its phosphorylation.
Product Categories/Family for anti-PI4KB antibody	Metabolism; Signal Transduction
References	Jeganathan,S., et.al., Mol. Cell. Biol. 28 (14), 4549-4561 (2008) Pizarro-Cerda,J., et.al., Cell. Microbiol. 9 (10), 2381-2390 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	311771621
NCBI GeneID	5298
NCBI Accession #	NP_001185702.1; NP_001185703.1; NP_001185704.1; NP_002642.1
NCBI GenBank Nucleotide #	NM_001198773.1
UniProt Accession #	Q9UBF8; O15096; P78405; Q5VWB9; Q5VWC0; Q5VWC1; Q9BWR6; B4DGI2
Molecular Weight	91379

NCBI Official Full Name	phosphatidylinositol 4-kinase beta isoform 2
NCBI Official Synonym Full Names	phosphatidylinositol 4-kinase, catalytic, beta
NCBI Official Symbol	PI4KB
NCBI Official Synonym Symbols	NPIK; PI4K92; PIK4CB; PI4KBETA; PI4K-BETA; PI4KIIIBETA
NCBI Protein Information	phosphatidylinositol 4-kinase beta
UniProt Protein Name	Phosphatidylinositol 4-kinase beta
UniProt Gene Name	PI4KB
UniProt Synonym Gene Names	PIK4CB; PI4K-beta; PI4Kbeta; PtdIns 4-kinase beta
UniProt Entry Name	PI4KB_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/pik4cb-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289954>