

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

PI3 Kinase p110 beta Rabbit mAb

CATALOG # AAA282967	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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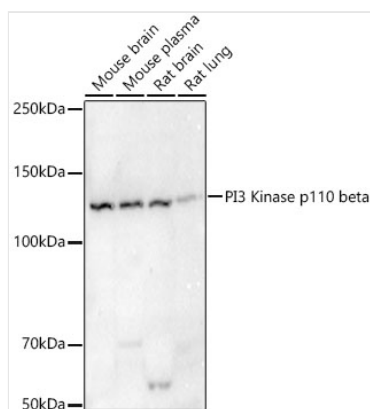
PRODUCT SYNONYMS

PI3 Kinase p110 beta; Monoclonal Antibody; PI3 Kinase p110 beta Rabbit mAb; PI3K; PIK3C1; P110BETA; PI3KBETA; anti-PIK3CB antibody

PRODUCT SPECIFICATIONS

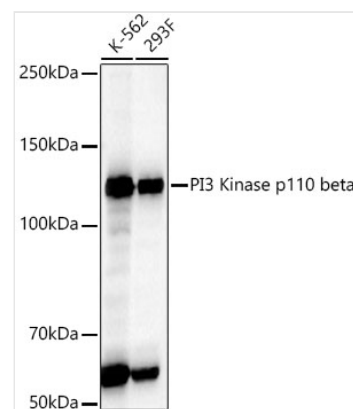
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	KVKTKKSTKT INPSKYQTIR KAGKVHYPVA WNTMVFDFK QLRGTGDIIL HSWSSFPDEL EEMLNPMGTV QTNPYTENAT ALHVKFPENK KQPYYPFPD KIEKAAEIA SSDSANVSSR GGKKFLPVLK EILDRDPLSQ LCENEMDLIW TLRQDCREIF PQSLPKLLLS IKWNKLEDVA QLQALLQIWP K
Applicable Applications for anti-PIK3CB antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 410-600 of human PI3 Kinase p110 beta (NP_006210.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of various lysates, using PI3 Kinase p110 beta Rabbit mAb (AAA282967) at 1:2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



WB (Western Blot)

Western blot analysis of various lysates, using PI3 Kinase p110 beta Rabbit mAb (AAA282967) at 1:2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-PIK3CB antibody	This 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	Epigenetics Nuclear Signaling; Translation Control; Regulation of eIF4 and p70 S6 Kinase; Signal Transduction; Kinase; PI3K-Akt Signaling Pathway; mTOR Signaling Pathway; ErbB-HER Signaling Pathway; MAPK-Erk Signaling Pathway; MAPK-JNK Signaling Pathway;

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	Calculated MW: 123kDa Observed MW: 123kDa
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/pi3-kinase-p110-beta-antibody-western-blot-elisa/282967>