

**Product Name: PI3 Kinase p110 beta Rabbit Polyclonal Antibody**  
**Catalog #: APRab00071**

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## Summary

<b>Production Name</b>	PI3 Kinase p110 beta Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,FC,IP
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Purification</b>	Affinity Chromatography

## Immunogen

<b>Gene Name</b>	PIK3CB
<b>Alternative Names</b>	PIK3CB; DKFZp779K1237; MGC133043; PI3K; PI3KCB; PI3Kbeta; PIK3C1; p110-BETA
<b>Gene ID</b>	5291
<b>SwissProt ID</b>	P42338.

## Application

<b>Dilution Ratio</b>	WB: 1:500-1:1000 IP: 1:20 FC: 1:50-1:100
<b>Molecular Weight</b>	Calculated MW: 123 kDa; Observed MW: 110 kDa

## Background

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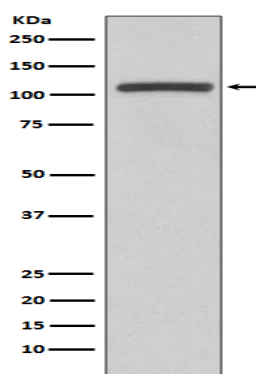


Phosphoinositide 3-kinase (PI3K) catalyzes the production of phosphatidylinositol-3,4,5-triphosphate by phosphorylating phosphatidylinositol (PI), phosphatidylinositol-4-phosphate (PIP) and phosphatidylinositol-4,5-bisphosphate (PIP<sub>2</sub>). Growth factors and hormones trigger this phosphorylation event, which in turn coordinates cell growth, cell cycle entry, cell migration, and cell survival.

## Research Area

Cell Biology

## Image Data



Western blot analysis of PI3 Kinase p110 beta in Jurkat lysates using PI3 Kinase p110 beta antibody.

## Note

For research use only.