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

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,FC,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Application

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

Antigen Information

Gene Name	PIK3CB
Alternative Names	PIK3CB; DKFZp779K1237; MGC133043; PI3K; PI3KCB; PI3Kbeta; PIK3C1; p110-BETA
Gene ID	5291
SwissProt ID	P42338
Immunogen	A synthetic peptide of human PI3 Kinase p110 beta

Background

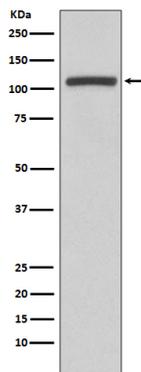
Phosphoinositide 3-kinase (PI3K) catalyzes the production of phosphatidylinositol-3,4,5-triphosphate by phosphorylating phosphatidylinositol (PI), phosphatidylinositol-4-phosphate (PIP) and phosphatidylinositol-4,5-bisphosphate (PIP2). Growth

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.