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

Summary

Production Name	PI3 Kinase p110 beta Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,FC,IP
Reactivity	Human

Performance

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

Immunogen

Gene Name	PIK3CB
Alternative Names	PIK3CB; DKFZp779K1237; MGC133043; PI3K; PI3KCB; PI3Kbeta; PIK3C1; p110-BETA
Gene ID	5291
SwissProt ID	P42338

Application

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

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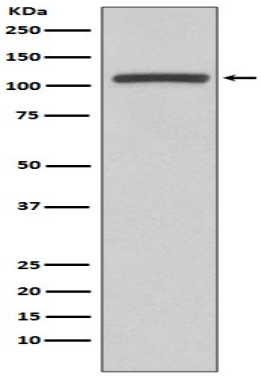
Background

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.

Note

For research use only.