

**Product Name: PI3 Kinase p110 gamma Rabbit
Monoclonal Antibody
Catalog #: AMRe02439**

Summary

Production Name	PI3 Kinase p110 gamma Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	PIK3CG
Alternative Names	PI3K; PIK3; PI3CG; PI3Kgamma; p110gamma; p120-PI3K
Gene ID	5294
SwissProt ID	P48736

Application

Dilution Ratio	WB: 1/500-1/1000 IP: 1/20
Molecular Weight	Calculated MW: 126 kDa; Observed MW: 110 kDa

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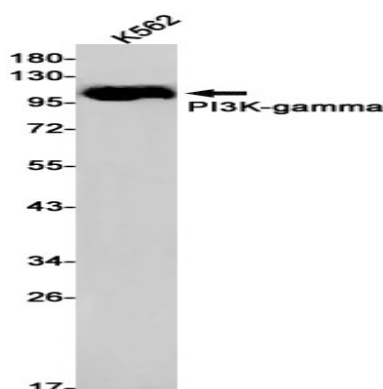
Background

This gene encodes a protein that belongs to the pi3/pi4-kinase family of proteins. The gene product is an enzyme that phosphorylates phosphoinositides on the 3-hydroxyl group of the inositol ring. It is an important modulator of extracellular signals, including those elicited by E-cadherin-mediated cell-cell adhesion, which plays an important role in maintenance of the structural and functional integrity of epithelia. In addition to its role in promoting assembly of adherens junctions, the protein is thought to play a pivotal role in the regulation of cytotoxicity in NK cells. The gene is located in a commonly deleted segment of chromosome 7 previously identified in myeloid leukemias. Several transcript variants encoding the same protein have been found for this gene.

Research Area

Signal Transduction

Image Data



Western blot analysis of PI3 Kinase p110 gamma in K562 lysates using PI3 Kinase p110 gamma antibody.

Note

For research use only.