

# Anti-PI3K-gamma Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P100134

## Product Information

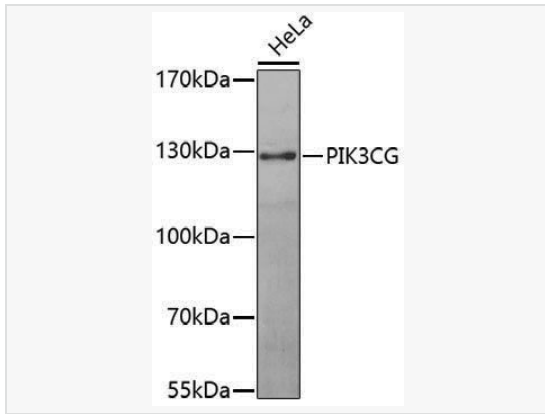
Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:500~1:2,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-310 of human PIK3CG (NP_002640.2).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-PI3K-gamma Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

Synonyms	PI3K; PIK3; IMD97; PI3CG; PI3Kgamma; p110gamma; p120-PI3K; PIK3CG.
Calculated MW	Calculated MW: 126 kDa; Observed MW: 126 kDa
Uniprot ID	P48736
Gene ID	5294
Background	Phosphoinositide 3-kinases (PI3Ks) phosphorylate inositol lipids and are involved in the immune response. The protein encoded by this gene is a class I catalytic subunit of PI3K. Like other class I catalytic subunits (p110-alpha p110-beta, and p110-delta), the encoded protein binds a p85 regulatory subunit to form PI3K. This 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.

## Validation Images

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Western blot analysis of lysates from HeLa cells, using PIK3CG Rabbit pAb (P100134) at 1:1,000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25 $\mu$ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Kit.

Exposure time: 90s.