

## PIK3CG

**Reactivity:** Human Mouse

**Tested applications:** WB IP

**Recommended Dilution:** WB 1:500 - 1:1000 IP 1:20 - 1:100

**Calculated MW:** 126kDa

**Observed MW:** Refer to figures

**Immunogen:**

A synthetic peptide of human PIK3CG

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

bq

**Synonym:**

PI3K; PIK3; PI3CG; PI3Kgamma; p110gamma; p120-PI3K;

**Catalog #:** A2461

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 5294

**Isotype:** IgG

**Swiss Prot:** P48736

**Purity:** Affinity purification

For research use only.

**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.

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