

# PIK3CG Rabbit pAb

Catalog No.: A25468

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

126kDa

### Category

Primary antibody

### Applications

ELISA, IHC-P

### Cross-Reactivity

Human

## 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.

## Recommended Dilutions

IHC-P 1:50 - 1:200

## Immunogen Information

### Gene ID

5294

### Swiss Prot

P48736

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 201-330 of human PIK3CG (NP\_002640.2).

### Synonyms

PI3K; PIK3; IMD97; PI3CG; PI3Kgamma; p110gamma; p120-PI3K; PIK3CG

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

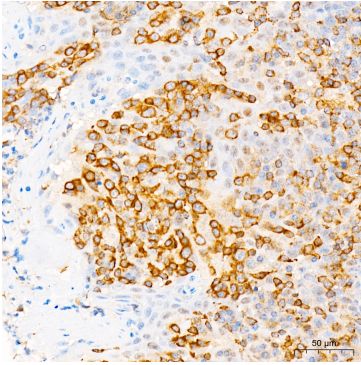
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

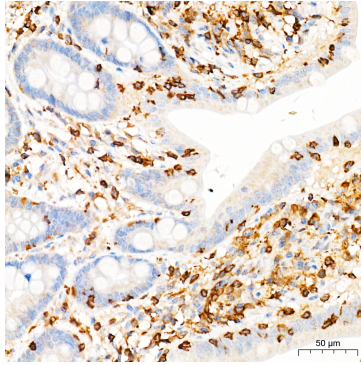
Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

## Validation Data

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Immunohistochemistry analysis of PI 3 Kinase catalytic subunit gamma in paraffin-embedded Human tonsil tissue using PI 3 Kinase catalytic subunit gamma Rabbit pAb (A25468) at a dilution of 1:1200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of PI 3 Kinase catalytic subunit gamma in paraffin-embedded Human colon tissue using PI 3 Kinase catalytic subunit gamma Rabbit pAb (A25468) at a dilution of 1:1200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.