

Datasheet for ABIN1923970

## **anti-PIK3 gamma antibody (AA 518-547) (FITC)**



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### Overview

|                      |                                                          |
|----------------------|----------------------------------------------------------|
| Quantity:            | 200 µL                                                   |
| Target:              | PIK3 gamma (PIK3CG)                                      |
| Binding Specificity: | AA 518-547                                               |
| Reactivity:          | Human                                                    |
| Host:                | Rabbit                                                   |
| Clonality:           | Polyclonal                                               |
| Conjugate:           | This PIK3 gamma antibody is conjugated to FITC           |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (IHC) |

### Product Details

|               |                                                                                                                                                                       |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Isotype:      | IgG                                                                                                                                                                   |
| Specificity:  | This PI3KCG antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 518-547 amino acids from the Central region of human PI3KCG. |
| Purification: | Affinity purified                                                                                                                                                     |

### Target Details

|                   |                                                         |
|-------------------|---------------------------------------------------------|
| Target:           | PIK3 gamma (PIK3CG)                                     |
| Alternative Name: | PIK3CG / PI3K-Gamma ( <a href="#">PIK3CG Products</a> ) |
| Background:       | Name/Gene ID: PIK3CG<br>Family: Non-Protein Kinase      |

## Target Details

|           |                                                                                                                                                                                                                                                 |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           | Synonyms: PIK3CG, p110-gamma, p110gamma, PI3-kinase subunit gamma, PI3K, PIK3, p120-PI3K, PI3CG, PI3K-gamma, PI3Kgamma, PtdIns-3-kinase subunit gamma                                                                                           |
| Gene ID:  | 5294                                                                                                                                                                                                                                            |
| Pathways: | <a href="#">PI3K-Akt Signaling</a> , <a href="#">RTK Signaling</a> , <a href="#">AMPK Signaling</a> , <a href="#">TLR Signaling</a> , <a href="#">Inositol Metabolic Process</a> , <a href="#">Hepatitis C</a> , <a href="#">VEGF Signaling</a> |

## Application Details

|                    |                                                                                                                                                                 |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Approved: ELISA, IHC, WB<br><br>Usage: The applications listed have been tested for the unconjugated form of this product.<br>Other forms have not been tested. |
| Comment:           | Target Species of Antibody: Human                                                                                                                               |
| Restrictions:      | For Research Use only                                                                                                                                           |

## Handling

|                    |                                                                                                                                |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                         |
| Concentration:     | Lot specific                                                                                                                   |
| Buffer:            | PBS, pH 7.2, 0.09 % sodium azide.                                                                                              |
| Preservative:      | Sodium azide                                                                                                                   |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.         |
| Handling Advice:   | Aliquot to avoid repeated freezing and thawing.                                                                                |
| Storage:           | 4 °C,-20 °C                                                                                                                    |
| Storage Comment:   | Short term: store at 4°C. Long term: aliquot and store -20°C for up to 6 months. Avoid freeze-thaw cycles. Protect from light. |
| Expiry Date:       | 6 months                                                                                                                       |