

For Research Use Only

# PI3 Kinase p55 Gamma Polyclonal antibody



Catalog Number: 55036-1-AP

6 Publications

## Basic Information

**Catalog Number:**

55036-1-AP

**Size:**

280 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

NM\_003629

**GeneID (NCBI):**

8503

**UNIPROT ID:**

Q92569

**Full Name:**

phosphoinositide-3-kinase, regulatory subunit 3 (gamma)

**Calculated MW:**

54 kDa

**Purification Method:**

Antigen affinity purification

## Applications

**Tested Applications:**

ELISA

**Cited Applications:**

WB

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human, mouse, rat

## Background Information

PIK3R3, also named as p55PIK, belongs to the PI3K p85 subunit family. It binds to activated (phosphorylated) protein-tyrosine kinases through its SH2 domain and regulates their kinase activity. During INS stimulation, it also binds to IRS-1. It is a component of a heterodimer of p110 (catalytic) and p55 (regulatory) subunits. The antibody is specific to PIK3R3.

## Notable Publications

Author	Pubmed ID	Journal	Application
Taotao Sun	36113503	Andrology	WB
Gang Cao	25608840	Tumour Biol	WB
Meilin Ma	28085550	RNA Biol	WB

## Storage

**Storage:**

Store at -20°C.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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## Selected Validation Data