

# Anti-PI 3 Kinase p55 gamma PIK3R3 Rabbit Monoclonal Antibody

**Catalog # ABO14285** 

# Specification

## Anti-PI 3 Kinase p55 gamma PIK3R3 Rabbit Monoclonal Antibody - Product Information

Application WB, IHC, IF, ICC

Primary Accession

Host
Isotype

Rabbit IgG

Reactivity Rat, Human, Mouse

Clonality Monoclonal Format Liquid

**Description** 

Anti-PI 3 Kinase p55 gamma PIK3R3 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.

# Anti-PI 3 Kinase p55 gamma PIK3R3 Rabbit Monoclonal Antibody - Additional Information

#### **Gene ID 8503**

#### **Other Names**

Phosphatidylinositol 3-kinase regulatory subunit gamma, PI3-kinase regulatory subunit gamma, PI3K regulatory subunit gamma, PtdIns-3-kinase regulatory subunit gamma, Phosphatidylinositol 3-kinase 55 kDa regulatory subunit gamma, PI3-kinase subunit p55-gamma, PtdIns-3-kinase regulatory subunit p55-gamma, p55PIK, PIK3R3

### Calculated MW 54448 MW KDa

### **Application Details**

WB 1:500-1:1000<br>IHC 1:50-1:200<br>ICC/IF 1:50-1:200

### **Tissue Specificity**

Highest levels in brain and testis. Lower levels in adipose tissue, kidney, heart, lung and skeletal muscle.

#### **Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

### **Immunogen**

A synthesized peptide derived from human PI 3 Kinase p55 gamma

# **Purification**

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated



freeze-thaw cycles.

### Anti-PI 3 Kinase p55 gamma PIK3R3 Rabbit Monoclonal Antibody - Protein Information

#### Name PIK3R3

#### **Function**

Binds to activated (phosphorylated) protein-tyrosine kinases through its SH2 domain and regulates their kinase activity. During insulin stimulation, it also binds to IRS-1.

#### **Tissue Location**

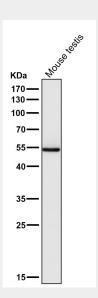
Highest levels in brain and testis. Lower levels in adipose tissue, kidney, heart, lung and skeletal muscle

# Anti-PI 3 Kinase p55 gamma PIK3R3 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

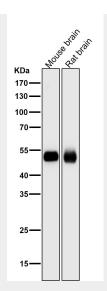
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## Anti-PI 3 Kinase p55 gamma PIK3R3 Rabbit Monoclonal Antibody - Images

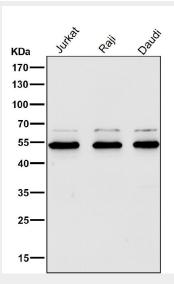


All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.

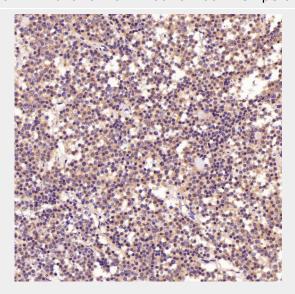




All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



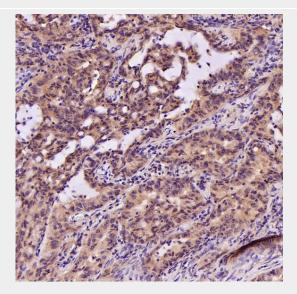
All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



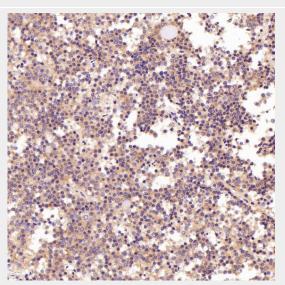
Immunohistochemical analysis of paraffin-embedded Human pituitary tumor, using the Antibody



at 1:200 dilution.

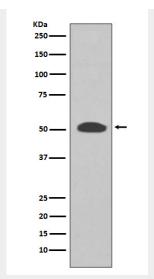


Immunohistochemical analysis of paraffin-embedded Human lung adenocarcinoma, using the Antibody at 1:200 dilution.

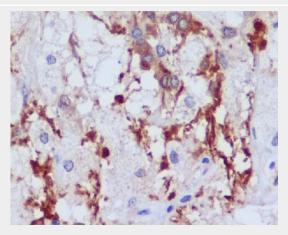


Immunohistochemical analysis of paraffin-embedded Human pituitary tumor, using the Antibody at 1:800 dilution.

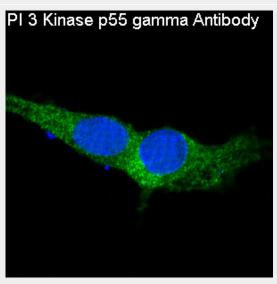




Western blot analysis of PI 3 Kinase p55 gamma expression in SH-SY5Y cell lysate.



Immunohistochemical analysis of paraffin-embedded human astrocytoma, using PI 3 Kinase p55 gamma Antibody.



Immunofluorescent analysis of C6 cells, using PI 3 Kinase p55 gamma Antibody.