

A18355

Leader in Biomolecular Solutions for Life Science



## PI3KP85 $\alpha$ /P55 $\gamma$ /P85 $\beta$ Rabbit pAb

Catalog No.: A18355

2 Publications

### Basic Information

#### Observed MW

54kDa

#### Calculated MW

42-54kDa/81-84kDa

#### Category

Polyclonal Antibody

#### Applications

WB,ELISA

#### Cross-Reactivity

Human,Mouse,Rat

### Background

Phosphatidylinositol 3-kinase (PI3K) phosphorylates phosphatidylinositol and similar compounds, which then serve as second messengers in growth signaling pathways. PI3K is composed of a catalytic and a regulatory subunit. The protein encoded by this gene represents a regulatory subunit of PI3K. The encoded protein contains two SH2 domains through which it binds activated protein tyrosine kinases to regulate their activity.

### Recommended Dilutions

**WB** 1:500 - 1:2000

**ELISA** Recommended starting concentration is 1  $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements.

### Immunogen Information

#### Gene ID

8503/5295/5296

#### Swiss Prot

P27986/O00459/Q92569

#### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

#### Synonyms

PIK3R1/PIK3R2/PIK3R3; PI3KP85 $\alpha$ /P55 $\gamma$ /P85 $\beta$

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

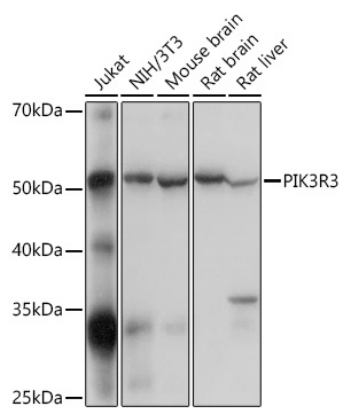
Affinity purification

#### Storage

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

Buffer: PBS with 0.09% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using PIK3R1/PIK3R2/PIK3R3 Rabbit pAb (A18355) at 1:500 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 1s.