

# PIK3R3 Rabbit Polyclonal Antibody



CAB17322

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

60kDa

### Calculated MW:

43kDa/47kDa/54kDa

### Applications:

WB IHC IF

### Reactivity:

Human, Mouse

## Protein 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.

## Immunogen information

### Gene ID:

8503

### Uniprot

Q92569

### Synonyms:

PIK3R3; p55; p55-GAMMA; p55PIK

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:1000 IHC 1:50  
- 1:100 IF 1:50 - 1:100

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

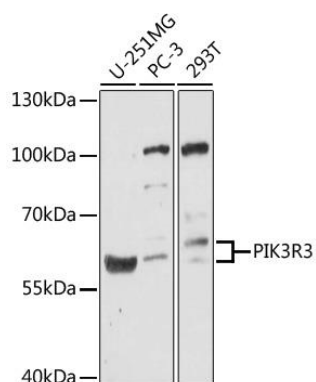
Recombinant protein of human PIK3R3

### Storage:

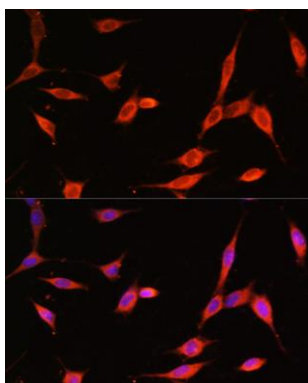
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

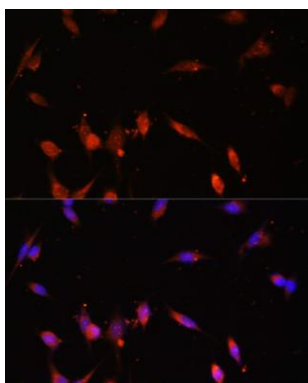
---



Western blot analysis of extracts of various cell lines, using PIK3R3 antibody (CAB17322) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Immunofluorescence analysis of NIH-3T3 cells using PIK3R3 antibody (CAB17322) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH-3T3 cells using PIK3R3 antibody (CAB17322) at dilution of 1:100. Blue: DAPI for nuclear staining.