

# PIK3R3/p55PIK Rabbit pAb

**Catalog No.: A3650**

## Basic Information

### Observed MW

54kDa

### Calculated MW

54kDa

### Category

Polyclonal Antibody

### Applications

WB,IF/ICC

### Cross-Reactivity

Human

## 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 - 1:1000
IF/ICC	1:20 - 1:50

## Immunogen Information

Gene ID	Swiss Prot
8503	Q92569

### Immunogen

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

### Synonyms

p55; p55PIK; p55-GAMMA; PIK3R3/p55PIK

## Contact

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

## Product Information

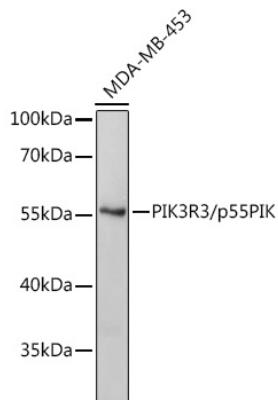
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

### Storage

Store at 4°C. Avoid freeze / thaw cycles.  
Buffer: PBS with 0.02% sodium azide, pH7.3.

## Validation Data

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Western blot analysis of lysates from MDA-MB-453 cells, using PIK3R3/p55PIK Rabbit pAb (A3650).  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.