

A3650

Leader in Biomolecular Solutions for Life Science



## 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

8503

#### Swiss Prot

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

Rabbit

#### Isotype

IgG

#### Purification

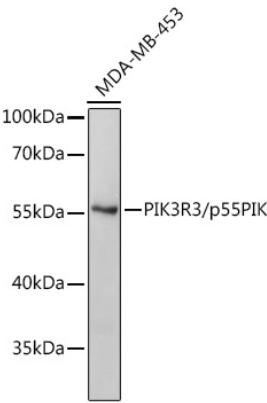
Affinity purification

#### Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,pH7.3.

# Validation Data



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: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.