

## Datasheet for ABIN3018372 **anti-PIK3R3 antibody**

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### 1 Image

#### Overview

Quantity:	500 µL
Target:	PIK3R3
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This PIK3R3 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	A synthesized peptide derived from human PIK3R3/p55PIK
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

#### Target Details

Target:	PIK3R3
Alternative Name:	PIK3R3 ( <a href="#">PIK3R3 Products</a> )
Background:	Phosphatidylinositol 3-kinase (PI3K) phosphorylates phosphatidylinositol and similar compounds, which then serve as second messengers in growth signaling pathways. PI3K is

## Target Details

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. [provided by RefSeq, Jun 2016],p55, p55-GAMMA, p55PIK,AMPK Signaling Pathway,Angiogenesis,Apoptosis,Apoptosis\_Inhibition of Apoptosis,Apoptosis\_Mitochondrial Control of Apoptosis,Cardiovascular,Cell Adhesion,Cell Biology & Developmental Biology,Cytoskeleton,Cytoskeleton\_Actins,Cytoskeleton\_Microtubules,Endocrine & Metabolism,Epigenetics & Nuclear Signaling,ErbB-HER Signaling Pathway,ESC Pluripotency and Differentiation,G protein signaling,IL-6 Receptor Signaling Pathway,Immunology & Inflammation,Kinase,Lipid Metabolism,MAPK-Erk Signaling Pathway,MAPK-JNK Signaling Pathway,mTOR Signaling Pathway,NF-kB Signaling Pathway,PI3K-Akt Signaling Pathway,Protein Kinase C Signaling Pathway Pathway,Signal Transduction,T Cell Receptor Signaling Pathway,TGF-b-Smad Signaling Pathway,Translation Control,Translational Control\_Regulation of eIF4 and p70 S6 Kinase,Warburg Effect,PIK3R3

Molecular Weight: 54 kDa

Gene ID: 8503

UniProt: [Q92569](#)

## Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

## Handling

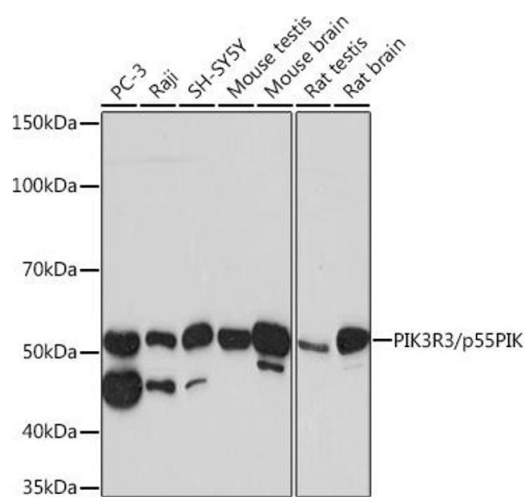
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

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



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using PIK3R3/p55PIK Rabbit mAb (ABIN1680999, ABIN3018371, ABIN3018372 and ABIN7101604) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.