

PIK3R3/p55PIK Rabbit mAb

Catalog No.: A3980 **Recombinant** **3 Publications**

Basic Information

Observed MW

52kDa

Calculated MW

54kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC0320

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

Immunogen Information

Gene ID

8503

Swiss Prot

Q92569

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 362-461 of human PIK3R3/p55PIK (Q92569).

Synonyms

p55; p55PIK; p55-GAMMA; PIK3R3/p55PIK

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

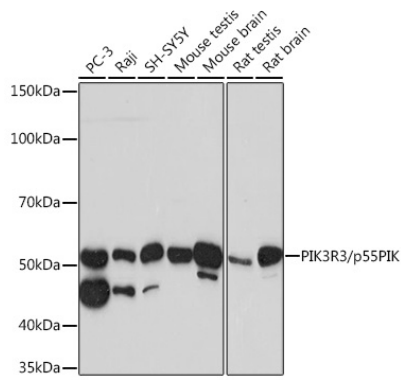
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using PIK3R3/p55PIK Rabbit mAb (A3980) at 1:1000 dilution.

Secondary antibody: HRP 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: 30s.