

PIK3R3/p55PIK Rabbit pAb

Catalog No.: A17112 **3 Publications**

Basic Information

Observed MW

55kDa

Calculated MW

54kDa

Category

Primary antibody

Applications

ELISA,WB,IF/ICC

Cross-Reactivity

Human, Mouse, Rat

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	1:100 - 1:500
IF/ICC	1:50 - 1:100

Immunogen Information

Gene ID

8503

Swiss Prot

Q92569

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 300-388 of human PIK3R3/p55PIK (NP_003620.3).

Synonyms

p55; p55PIK; p55-GAMMA; PIK3R3/p55PIK

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

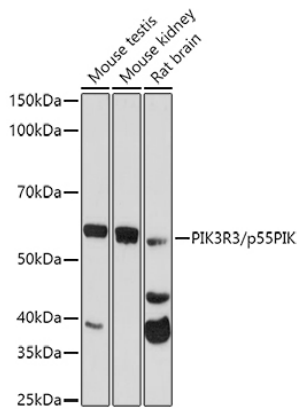
Affinity purification

Storage

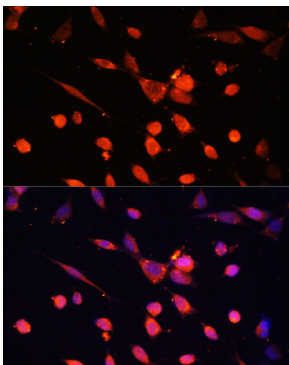
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using PIK3R3/p55PIK Rabbit pAb (A17112) at 1:500 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



Immunofluorescence analysis of NIH-3T3 cells using PIK3R3/p55PIK Rabbit pAb (A17112) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.