

Phospho-PI3KP85 α /P55 γ /P85 β -Y467/Y464/Y199 Rabbit pAb

Catalog No.: AP0427 40 Publications

Basic Information

Observed MW

85kDa

Calculated MW

42-54kDa/81-84kDa

Category

Primary antibody

Applications

WB

Cross-Reactivity

Human, Mouse, Rat

Background

Phosphatidylinositol 3-kinase phosphorylates the inositol ring of phosphatidylinositol at the 3-prime position. The enzyme comprises a 110 kD catalytic subunit and a regulatory subunit of either 85, 55, or 50 kD. This gene encodes the 85 kD regulatory subunit.

Phosphatidylinositol 3-kinase plays an important role in the metabolic actions of insulin, and a mutation in this gene has been associated with insulin resistance. Alternative splicing of this gene results in four transcript variants encoding different isoforms. [provided by RefSeq, Jun 2011]

Recommended Dilutions

WB

1:500 - 1:1000

Immunogen Information

Gene ID

5295/5296/8503

Swiss Prot

P27986/O00459/Q92569

Immunogen

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

Synonyms

PIK3R1/PIK3R2/PIK3R3; Phospho-PI3KP85 α /P55 γ /P85 β -Y467/Y464/Y199

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

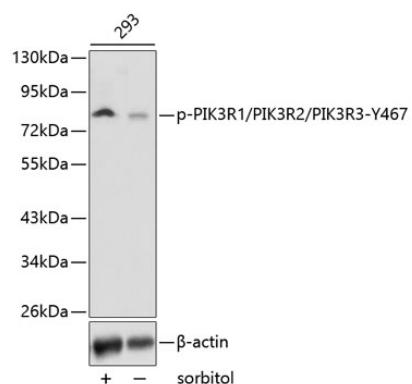
Affinity purification

Storage

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

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of lysates from 293 cells, using Phospho-PI3KP85 α /P55 γ /P85 β -Y467/Y464/Y199 Rabbit pAb (AP0427).
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% BSA.