

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

Catalog No.: AP0854 82 Publications

Basic Information

Observed MW

60kDa(P55)/85kDa(P85)

Calculated MW

42-54kDa/81-84kDa

Category

Primary antibody

Applications

WB,ELISA

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 - 1:2000

ELISA Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.

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/Y199/Y464

Contact

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Product Information

Source Rabbit	Isotype IgG	Purification Affinity purification
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Storage

Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data

