

Phospho-PI3 Kinase p85 alpha-Y607 Rabbit pAb

Catalog No.: AP1280

3 Publications

Basic Information

Observed MW

Refer to figures

Calculated MW

84kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Human

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.

Recommended Dilutions

WB 1:500 - 1:2000

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

Immunogen Information

Gene ID

5295

Swiss Prot

P27986

Immunogen

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

Synonyms

p85; AGM7; GRB1; IMD36; p85alpha; p85-ALPHA; Phospho-PI3 Kinase p85 alpha-Y607

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.