AP1280

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Phospho-PI3 Kinase p85 alpha-Y607 Rabbit pAb

Catalog No.: AP1280 3 Publications

Basic Information

Observed MW
Refer to figures

Calculated MW
84kDa

Category
Polyclonal 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℃