

For Research Use Only

PI3 kinase p85 Alpha Polyclonal antibody



Catalog Number: 11748-1-AP

1 Publications

Basic Information

Catalog Number:

11748-1-AP

Size:

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2344

GenBank Accession Number:

BC030815

GeneID (NCBI):

5295

UNIPROT ID:

P27986

Full Name:

phosphoinositide-3-kinase,
regulatory subunit 1 (alpha)

Calculated MW:

85 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

mouse

Background Information

Phosphatidylinositol 3-kinase (PI3K) plays an important role in the metabolic actions of INS and is required for adipogenesis. The PI3K pathway has also been identified as an important player in cancer development and progression. The Class IA PI3K heterodimer, which is composed of a P110 catalytic subunit and a P85 regulatory subunit, is activated upon association of the P85 subunit with upstream adaptor proteins or receptor tyrosine kinases. Mutations in PIK3R1 are implicated in cases of breast cancer and associated to SHORT syndrome.

Notable Publications

Author	Pubmed ID	Journal	Application
Rui Chen	35761332	J Nanobiotechnology	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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Selected Validation Data