

For Research Use Only

# PI3 Kinase p85 Alpha Polyclonal antibody



Catalog Number: 51138-1-AP

## Basic Information

Catalog Number:

51138-1-AP

Size:

373 µg/ml

Source:

Rabbit

Isotype:

IgG

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

Species Specificity:

human, 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.

## 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