

# PI3 Kinase p85 Alpha Polyclonal antibody

Catalog Number: 51138-1-AP

## Basic Information

**Catalog Number:**

51138-1-AP

**Size:**

150ul , Concentration: 373 µg/ml by Bradford method using BSA as the standard;

**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

\*\*\* 20ul sizes contain 0.1% BSA

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

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