

## PI3 Kinase P85 Rabbit Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP13027
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Recombinant Protein of PI3 Kinase P85 of PIK3R1
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	IHC-p, IF
Concentration	1 mg/ml
Full name	PIK3R1
Synonyms	PIK3R1; PIK3R1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

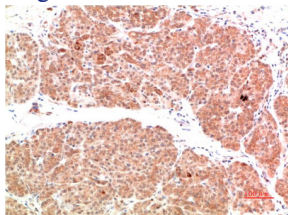
Phosphatidylinositol 3-kinase phosphorylates the inositol ring of phosphatidylinositol at the 3-prime position. The enzyme comprises a 110 kD catalytic subunit and a regulatory subunit of either 85, 55, or 50 kD. This gene encodes the 85 kD regulatory subunit. Phosphatidylinositol 3-kinase plays an important 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 Dilution

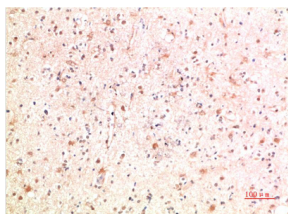
IHC: 1: 100 - 1: 200

Not yet tested in other applications.

### Images



Immunohistochemical analysis of paraffin-embedded Human Brain Tissue using PI3 Kinase P85 Rabbit pAb diluted at 1:500.



Immunohistochemical analysis of paraffin-embedded Human Pancreas Carcinoma Tissue using PI3 Kinase P85 Rabbit pAb diluted at 1:500.

### Storage

-20°C for 1 year

